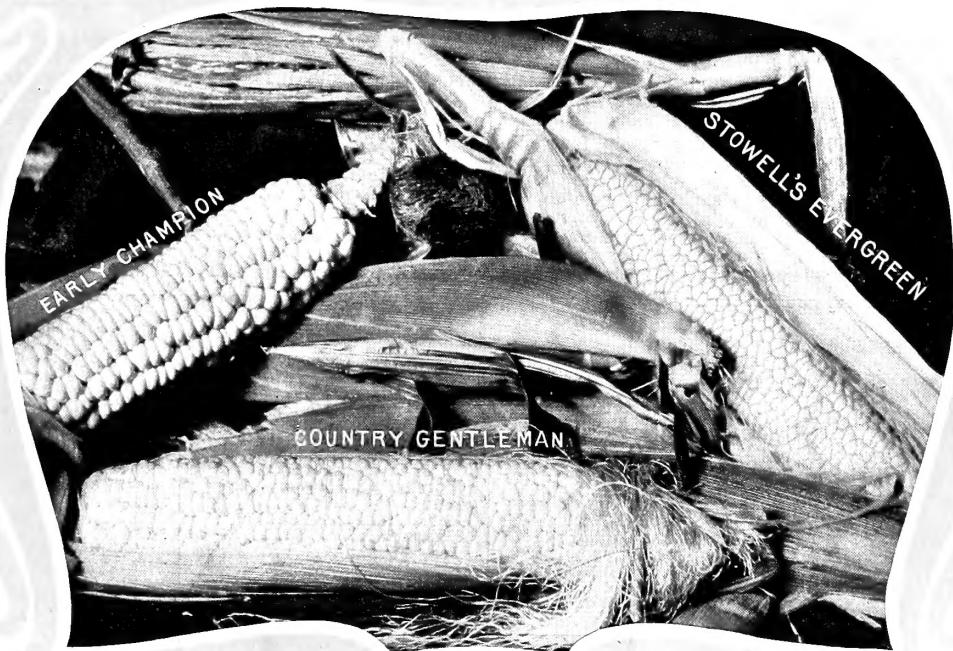


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To Our Customers and the Public



We take pleasure in presenting you herewith our Annual Illustrated Catalogue of Seeds, Bulbs and Implements for the season 1905, and trust it may prove interesting and a practical help to you.

We also wish to thank our old customers and friends for their patronage and kind words about us to their neighbors and friends, resulting in an ever-widening circle of gardeners using our high-grade seed.

A trial will convince you that the seed sent out by us is of the same high grade as we send to the market gardeners and truckers who plant for profit, and should not be compared with cheap commission seed. Trusting to have a fair patronage of your trade, which will have our best and careful attention in every case,

January, 1905,

Yours very truly,

M. H. BRUNJES & SON.

SEND CASH WITH THE ORDER. This can be done either in the form of a Money Order, Bank Draft, Express Order, Registered Letter, or cash may be sent by express. Remittances sent in any other way are entirely at the senders' risk. Small amounts may be sent in postage stamps.

SEEDS BY MAIL. Orders for packets or ounces will be sent by mail, postage free, at prices given. For larger quantities, by mail, include in your remittance 8 cents per pound or 15 cents per quart, to cover postage.

HOW TO ORDER. Please use order sheets found in front part of every catalogue, carefully filling out blank spaces at top for shipping directions. Be sure to sign your NAME and give Post Office and State. To avoid mistakes do not write letters on same sheet as orders. If you do not receive your seeds in a reasonable time after ordering them, write again, telling what was ordered, amount of money sent, etc. When goods are to be shipped by freight or express, give plain

shipping directions; otherwise we will use our best judgment in the matter. If you want only a few packages, do not hesitate to send for them. We take as much pains to send them promptly as we do large orders.

SIGN YOUR NAME. Name and address should be written as plainly as possible and care exercised to have Post Office, County and State in full. If your express office or freight depot has a different name from your post office, give that also. This is very important, as we cannot send goods if we do not know where to send them.

DELIVERIES. We deliver by our own teams to city and near-by suburban points, and to express offices, railroad and boat lines, for shipment to out-of-town points.

MARKET-GARDENERS, or other large planters, requiring larger quantities of seeds than are here offered are invited to write us for Special Prices, and must be sure to name **varieties** and **quantities** they will want.

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Seed Merchants & Growers
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While we exercise the greatest care to have all Seeds, Bulbs and Plants pure, true and reliable, we do not give any warranty, express or implied. If the purchaser does not accept the goods on these terms and conditions they must be returned at once, and the money that has been paid for same will be refunded.

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Kindly give us the names of any of your friends who buy Seeds and Implements to whom you would advise us to send our Catalogue

GENERAL LIST OF CHOICE VEGETABLE SEEDS

M. H. BRUNJES & SON give no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs, or plants they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.—M. H. B. & SON.

When seeds are ordered by mail Postage must be added to catalogue prices at the rate of 8 cents per pound for Seeds, 15 cents per quart for Peas and Beans, and 10 cents per quart for Corn.

ARTICHOKE, GLOBE

One ounce will produce 500 plants.

Sow in light, rich, and rather moist soil, in drills eight or ten inches apart; when the plants are well up, transplant, four or five inches deep, in rows four feet apart, and two feet apart in the rows. Cover with straw during winter.

Large Globe. Fine large heads. Per pkt. 10c., oz. 30c.

ARTICHOKE, Jerusalem

Grown for its tubers, which resemble potatoes, and are cultivated in a similar manner, only the rows should be at least four feet apart when grown in rich soils.

Large Tubers. Per qt. 25c., pk. \$1.25, bush, \$4.00.

ASPARAGUS

One ounce will sow about 50 feet of drill.

Sow in autumn, or in spring as soon as the soil is in good working condition. Cultivate during summer, and give the plants a light covering of stable litter during winter. At one or two years, transplant to permanent beds.

The Palmetto. The merits of this new variety consist in its earliness, productiveness and shipping qualities. In these points it surpasses any other sort grown. Per pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Conover's Colossal. Very large and prolific; very tender. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

ASPARAGUS ROOTS

11,000 roots will plant one acre; distance, 4 feet in drill, 1 foot in row.

A saving of one or two years is effected by planting roots. Those offered below are strong two-year-old roots. For private use or for marketing on a small scale, beds should be formed five feet wide, with three rows planted in each, one in the middle and one on each side a foot from the edge; distance between the plants in the rows, nine inches.

The Palmetto. Strong two-year-old roots, per 100, \$1.00; per 1000, \$8.00.

Colossal. Strong two-year-old roots, per 100, \$1.00; per 1000, \$6.00.

BEANS, BUSH LIMA

One quart will plant 100 feet of drill.

Plant in light, rich soil, in drills two feet apart, dropping the seeds about one foot apart in the row and cover two inches.

Burpee's Bush Lima. An immense yielder, with handsome large pods, well filled with large beans, which are identical in size and luscious flavor with the well-known large pole limas. Per pt. 20c., qt. 40c., pk. \$3.00.

Dreer's Bush Lima. This valuable bush bean possesses all the good qualities of the Dreer's Pole Lima. Per pt. 25c., qt. 50c., pk. \$3.50.

BEANS, English or Broad

One quart will plant 100 feet of drill.

Broad Windsor. The largest variety grown; very tender and delicious. Per pt. 20c., qt. 40c.



Burpee's Bush Lima Beans



Asparagus

BEANS, DWARF OR BUSH

Green Pod Varieties

The seeds should not be planted before the ground becomes light and warm, in favorable seasons usually about the first of May. Bush limas should not be planted so early as other sorts, as limas are particularly sensitive to cold and damp. The soil should be rich and mellow, and the seeds scattered about 3 inches apart in drills from 3 to $3\frac{1}{2}$ feet apart, and covered about 2 inches deep. The plants will need frequent hoeing, but should never be cultivated when the leaves are wet with dew or rain, as this will cause them to rust. Successive sowings made at intervals of about two weeks until the middle of July will give a plentiful supply of beans all season. One quart of seed will sow 100 feet of drill; 2 bushels will sow an acre.

For beans sent by mail, add postage at the rate of 8c. per pt., 15c. per qt.

Earliest Red Valentine. This variety is at least 10 days earlier than the Early Red Valentine, and is usually ready to pick in 35 days from time of planting. Per pt. 15c., qt. 25c., pk. \$1.50.

Early Mohawk. Long, straight, flat pods, good for string; early, hardy, productive. Per pt. 15c., qt. 25c., pk. \$1.50.

Long Yellow Six Weeks. Valuable on account of its extra earliness and productiveness. The pods are long and flat, and of good quality as long as they are tender. Per pt. 15c., qt. 25c., pk. \$1.50.

Round Yellow Six Weeks. Very prolific; semi-round pod. Per pt. 15c., qt. 25c., pk. \$1.50.

Burpee's Stringless Green Pod. Extremely early, hardy and productive; pods handsome and of fine quality. Per pt. 15c., qt. 30c., pk. \$2.00.

Longfellow. The pods of this new bean are about 6 inches long, pale soft green, straight and round, of delicious flavor; extremely early and a most abundant bearer. Per pt. 15c., qt. 30c., pk. \$2.00.

Improved Dwarf Horticultural. Large, early, excellent for market and shelling. Per pt. 15c., qt. 25c., pk. \$1.50.

Refugee, or Thousand to One. Very tender and productive; the best variety for pickling. Per pt. 15c., qt. 25c., pk. \$1.50.

Extra Early Refugee. Large, productive, hardy, tender, fleshy pods, a great improvement on the old Refugee. Per pt. 15c., qt. 30c., pk. \$2.00.

Black Valentine. Resembles the old Red Valentine in all its best points; the pods are round and for late planting it is a most valuable bean. Is ready for use when Extra Early Refugee is bearing. Per pt. 15c., qt. 30c., pk. \$2.00.

Wardwell's Dwarf Kidney Wax. This variety is distinct from all other wax varieties, the bean being of a perfect kidney shape. It produces a heavy crop of wax pods, which are long, flat, showy, and not liable to rust. Per pt. 20c., qt. 35c., pk. \$2.50.

Round Pod Kidney Wax. A new sort, and we think very desirable, especially for the home garden. The vine is dwarf, spreading and very productive. The exceedingly beautiful pods are round, long, slightly curved, very white and waxy-like, and of the best quality. They are uniformly perfect, an ill-shaped one being rarely seen. Seed long, kidney-shaped, nearly white, with a little dark marking about the eye. Per pt. 35c., qt. 60c., pk. \$3.00.

Improved Golden Wax. We cannot speak too highly of the good qualities of this bean. We find it to be free from rust, larger in pod and more prolific than the old variety. It is also handsome and robust, and shows no string even when past its best. Per pt. 15c., qt. 30c., pk. \$2.00.

Currie's Rust-Proof Black Wax. Pods long, flat, and straight, of a beautiful golden color; quality not surpassed, and for productiveness unequalled. Per pt. 15c., qt. 30c., pk. \$2.00.

Earliest Valentine Wax. This is an improved extra early Valentine bean with round wax pods. It is without exception the earliest wax bean in use, being even earlier than the Refugee Wax. The pods are very meaty, and with so very little string that they may justly be called stringless. Per pt. 15c., qt. 30c., pk. \$2.00.

Extra Early Refugee Wax. This is a valuable sort for early and late sowing. If sown in spring it will give seed in time for a second crop in fall; long, round, yellow wax pods. Per pt. 15c., qt. 30c., pk. \$2.00.



Long Yellow Six Weeks



Davis White Wax



Improved Black Wax, or Butter

BEANS, Dwarf or Bush, Wax Pod Varieties

Improved Black Wax. This is an improved stock of Black Wax, superior to the ordinary strains; it is earlier, with perfectly round pods and of a rich golden color; very productive. Per pt. 15c., qt. 30c., pk. \$2.00.

Challenge Black Wax. A very prolific strain of Wax beans, fine round pods, flavor excellent, earlier than the ordinary Black Wax, and not so apt to rust. Per pt. 15c., qt. 30c., pk. \$2.00.

Davis White Kidney Wax. Pods remarkably long, straight and handsome, waxy white color; enormously productive; seed white. Per pt. 15c., qt. 30c., pk. \$2.00.

BEANS, POLE OR RUNNING

One quart will plant 100 hills.

Plant in hills three to four feet apart each way, and two inches deep, allowing six seeds to each hill. When the plants are well established they should be thinned out to four. They are more sensitive to cold than the bush beans, and should not be planted before the middle of May.



Challenger Lima

Dreer's Improved Lima. A great improvement upon the large lima, being more productive and of better quality. Per pt. 20c., qt. 40c., pk. \$2.50.

Lima Challenger. Thick and productive; same shape as Dreer's Improved. Per pt. 20c., qt. 40c., pk. \$2.50.

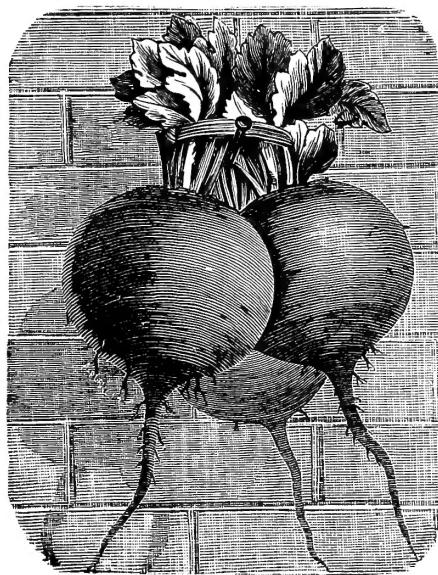
Large White Lima. One of the best shell beans grown; matures in ninety days, very popular. Our seeds of this variety are extra selected, large and fine. Per pt. 20c., qt. 40c., pk. \$2.50.

Scarlet Runner. A favorite, both ornamental and useful. Bright scarlet flowers. Used both as a string and shelled bean. Per pt. 20c., qt. 40c., pk. \$2.50.

Horticultural Cranberry. One of the best for family use. The pods are tender, and of fine quality. Per pt. 20c., qt. 35c., pk. \$2.00.

Extra Early Golden Cluster Wax. Long golden-yellow pods borne in clusters; extra early, stringless, snaps easily, vigorous, prolific, tender. Per pt. 20c., qt. 40c., pk. \$2.50.

Old Homestead. This we regard as far ahead of any other green-pod pole bean; is 10 days earlier, enormously productive and entirely stringless. Per pt. 20c., qt. 35c., pk. \$2.00.



Beet, Early Eclipse

BEET

One ounce will sow 100 feet of drill.

A deep, rich and rather light soil, which has been well manured previously, is most suitable for beet culture. For early supply, sow as soon as the ground is in working order, in drills one foot apart and two inches deep. For main crop, sow the second week in May, and for winter use sow in June. When the plants are well forward, thin out to about nine inches apart.

Early Egyptian. The well-known early variety. Color extra dark, shape flat, quality excellent. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Early Eclipse. A choice early variety; well-known and popular. Shape globular, quality good, color light. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c. lb. 50c.

Crosby's Extra Early Egyptian. This is an improved strain of the old Egyptian, probably the quickest growing, earliest and best known of table beets.

In shape it is broad at the top, tapering quickly to a small tap-root. In color it is deep blood-red, and in quality unsurpassed for flavor and fine grain. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Edmand's Early Blood Turnip. The best sort for general crop. In quality one of the finest; exceedingly dark, shape globular, having only one tap root. Very popular with market men. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Crimson Globe. This is one of the finest beets yet introduced. Roots are not large, but very handsome. Round, and a clean, smooth surface. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

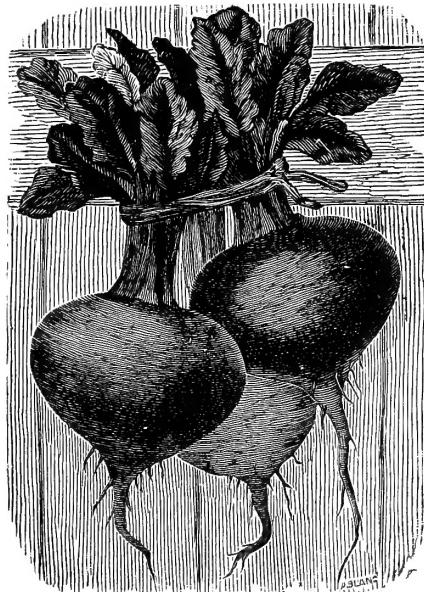
Dewings Early Blood Turnip. A good variety for main crop. Keeps well. Like Edmand's, but lighter color. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Columbia. Round and smooth, with deep red flesh; early and very tender. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Improved Blood Turnip. An improved variety of the Early Blood turnip: of deep, blood-red color; fine form and flavor. An excellent market sort. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Detroit Dark Red Turnip. Quality good, sweet and tender; color deep red; roots are turnip shaped, with small tap roots. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Long Smooth Blood. A good late cropper. Shape long. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.



Turnip, Improved Early Blood

See our two special varieties of Cabbage on page 5.

LONG ISLAND SAVOY

LONG ISLAND FLAT DUTCH

MANGEL-WURZEL

Six pounds will sow one acre.

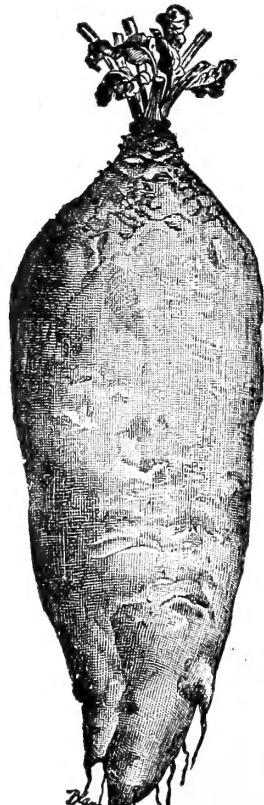
Leviathan Long Red. One of the largest and most profitable varieties grown for agricultural purposes. Per $\frac{1}{4}$ lb. 15c., lb. 35c.

Long Red. An excellent variety for feeding stock; a heavy cropper in deep soil. Per $\frac{1}{4}$ lb. 10c., lb. 25c.

Champion Yellow Globe. The finest globe variety ever introduced; the bulb is of handsome form, clean single tap root, and small foliage. Per $\frac{1}{4}$ lb. 15c., lb. 35c.

Yellow Globe. A globular-shaped variety, adapted for growing in shallow soils. Per $\frac{1}{4}$ lb. 10c., lb. 25c.

Golden Tankard. Flesh bright golden-yellow, and in this respect differs from all other varieties. Per $\frac{1}{4}$ lb. 15c., lb. 35c.



Mangel-Wurzel, Leviathan
Long Red

SUGAR BEET

White Sugar Beet. A very heavy cropper, highly recommended for feeding purposes. Per $\frac{1}{4}$ lb. 15c., lb. 35c.

Lane's Imperial Sugar Beet. One of the best and most nutritious varieties for feeding cattle. Per $\frac{1}{4}$ lb. 15c., lb. 35c.

Swiss Chard. The leaves of this variety are used as spinach, and the mid rib of the leaf, cooked and served up like asparagus, is delicious. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.



Swiss Chard

BROCCOLI

Sow the first week in May, in drills three or four inches apart, covering the seeds lightly. When the leaves are about three inches broad, transplant to prepared beds, two feet apart each way.

Walcheren. A fine variety, closely resembling a cauliflower, but of a hardier nature. Per pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

White Cape. A hardy and vigorous variety, heads large and firm. Per pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

BORECOLE, OR KALE

One ounce will produce 3,000 plants.

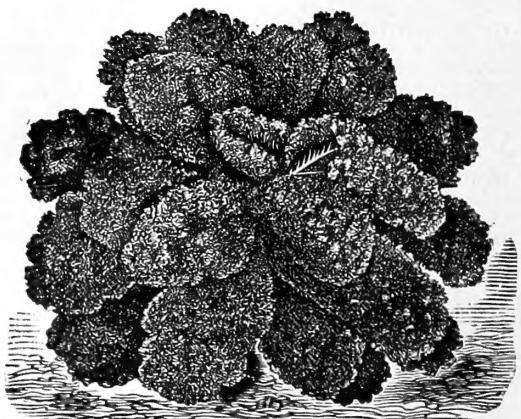
To grow this valuable winter vegetable successfully, it is important that the soil should be deep, well worked, and liberally manured. Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating cabbage.

Dwarf Green Curled Scotch. One of the best; very hardy, and improved by a moderate frost. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. 90c.

Siberian Kale, or Sprouts. Sown in September, in drills one foot apart, and treated like spinach; it is fit to eat early in spring. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 75c.

Dwarf Brown Kale. A beautifully curled variety, with spreading foliage; very productive, hardy, and of fine flavor. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Tall Green Curled Scotch. One of the best for winter, very hardy. Per pkt. 5 cts., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.



Kale, Dwarf Green Curled Scotch

BRUSSELS SPROUTS

One ounce will produce 3,000 plants.

This is a delicious vegetable, superior to either borecole or spinach. The small, cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hot-beds in March or April, and in the open ground in May; cultivate same as broccoli.

Tall. Compact heads of best quality. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Improved Dwarf. A dwarf variety, earlier than the preceding, producing numerous heads, which are very tender and of fine flavor. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Long Island Improved. Without doubt the finest variety grown; of vigorous growth, and producing handsome solid, round sprouts of the best quality, being rich, tender, and of delicious flavor. Per pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

CABBAGE

One ounce will produce 3,000 plants.

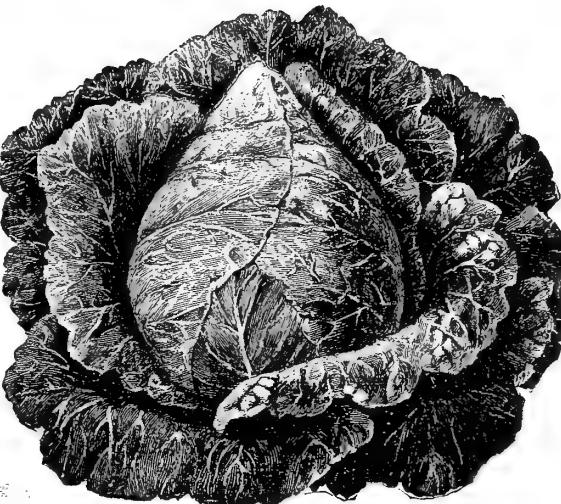
The cabbage, to be well grown, requires a deep, rich, loamy soil. For early use, sow the seed in hot-beds in February or March, or it may be sown about the middle of September, and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked, in rows two feet apart, and the plants 18 inches apart in the rows. For late or winter use, the seed should be sown in May, and the plants set out in July, $2\frac{1}{2}$ by 3 feet.

Improved Early Jersey Wakefield. The standard early variety; conical in shape; medium-sized heads; very solid; few outside leaves. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Improved Early Summer. Resembling the Newark Early Flat Dutch; heads smaller and about one week later. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

All-Head Early. This sort produces large, round, flattened heads which are of uniform size, very hard and of fine texture, and weigh from 10 to 15 lbs. It is a good keeper and shipper, of fine quality and *certain to head*, even in the most unfavorable seasons. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$4.00.

Early Spring. A new extra early cabbage, with a round flat head, coming in with the Early Jersey Wakefield and yielding one-third more on the same space of ground than any other extra early. Per pkt. 5c., oz. 40c., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.



Cabbage, Improved Jersey Wakefield

Charleston Wakefield. This cabbage is of the same type as the "Jersey" Wakefield, but is a decided advantage over that variety. It grows about 50 per cent. larger and is of the same fine quality, and ready to cut from 3 to 5 days later. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Succession. The Succession is about one week later than the Early Summer, but is double the size, handsome, large and a sure header. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Premium Flat Dutch. A popular and highly esteemed late variety; its keeping qualities are unsurpassed. For market and family use this variety is more extensively cultivated than any other. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Long Island Flat Dutch. An excellent variety with large uniform heads. An old standby for early and late planting. Per pkt. 10c., oz. 65c., $\frac{1}{4}$ lb. \$2.00, lb. \$8.00.

Large Red Drumhead. This is a great improvement on the Red Dutch, being earlier, larger and a better header; heads round, solid and deep blood-red in color. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Mammoth Rock Red. This is by far the best, largest and surest heading red cabbage ever introduced. The head is large, round, very solid, and of a deep red color. Per pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.



Cabbage, Succession

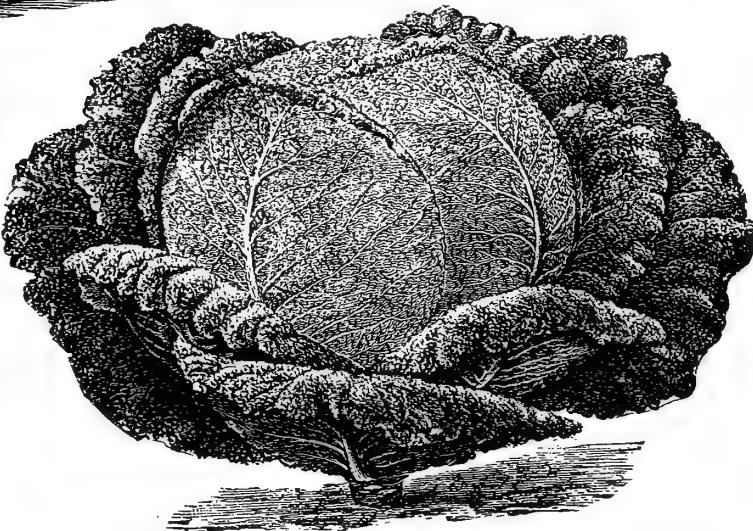
SAVOY CABBAGE

Early Dwarf Ulm Savoy. A very early and superior dwarf variety of fine quality. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

American Drumhead Savoy. For winter use this variety is unsurpassed; heads large, solid, tender and of excellent flavor. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Perfection Drumhead Savoy. This selection is certainly the finest we have seen, and largely grown on Long Island for the New York market. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Long Island Savoy. Highly esteemed by all who have grown this variety. It is a sure header and good keeper. Per pkt. 10c., oz. 65c., $\frac{1}{4}$ lb. \$2.00, lb. \$8.00.



Cabbage, American Drumhead Savoy



Carrot, Guerande, or Ox Heart

CAULIFLOWER

One ounce for 2,000 plants.

An extra rich soil is essential for the successful cultivation of this delicious vegetable. Plant and cultivate the same as for cabbage, watering liberally during dry weather. Liquid manure is beneficial. This crop pays splendidly if given careful attention.

Erfurt Dwarf, Earliest. The best for forcing and open ground; the finest of all varieties. Per pkt. 50c., oz. \$6.00.

Early Snowball. One of the earliest and most reliable sorts. It is dwarf, and being of compact form, may be planted in 20 inches apart each way. Per pkt. 25c., oz. \$2.50.

Extra Early Dwarf Erfurt. Similar in all respects to Early Snowball and nearly as early. It will give excellent results either in the home garden or for market use. Pkt. 25c., oz. \$2.50.

CELERY

One ounce will produce 5,000 plants.

The seed may be sown in the open border as soon in April as the ground can be worked. When the plants are 3 inches high, transplant 4 inches apart, into temporary beds of soft, rich soil, where they will soon acquire sufficient strength for planting out in beds. Plant in rows 3 feet apart, and set 6 inches apart in rows. If the weather is dry at the time of planting, care should be taken that the roots are firm in the ground. After the planting is completed, nothing further is necessary for 6 or 7 weeks, except running through

between the rows with the cultivator or hoe and freeing the plants from weeds. About the middle of August earthing up is necessary for blanching and whitening of that which is wanted for early use. After the soil has been drawn up against the plant with the hoe, it is further pressed close around each plant by the hand, firm enough to keep the leaves in an upright position and prevent them from spreading, using care to prevent the soil falling into the heart of the plant.



Cauliflower, Early Snowball

CARROT

One ounce to 100 feet of row.

Sow the seed in finely cultivated ground as soon as it becomes warm and settled in the spring. In garden planting, put the seed half an inch deep in rows 15 inches apart, and thin to about 5 inches apart in the row. Avoid sowing on newly manured ground, as it thus tends to produce forked roots.

Guerande, or Ox Heart. Color as dark as Chantenay; is an immense crop and handsome in appearance. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Luc, Half-Long Stump-Rooted. Main crop sort; early and productive. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

New York Market. Bright orange color. It has a small core: is crisp, tender and sweet. Handsome, large size. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Half-Long Scarlet, Stump-(Nantes). A variety intermediate in size and period of maturity between the preceding and Long Orange. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Carrot, Half-Long Stump-Rooted

New Intermediate, or St. Valery. Smooth, handsome and tapers from shoulder to tip; fine quality; very productive. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Chantenay Half-Long Scarlet. A stump-rooted variety, resembling the well-known Nantes. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Danvers Half-Long. This variety is now very extensively cultivated, both for market and family use. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Long Orange Improved. For garden and field crops this is the best and most profitable variety grown. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Rubicon. A half-long stump-rooted variety of a dark orange color. Very desirable for table use. Per pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Improved Danvers Half-Long. This variety is preferred by many gardeners. It has a deep red color and smooth shape. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



Celery, Perfection Heartwell

Golden Self-Blanching. A self-blanching variety of the "White Plume" order, but far superior for either market gardeners' or private use. It requires earthing up a little more than the "White Plume." It is of a rich golden-yellow color, crisp, tender and of fine flavor; keeps well throughout the season, and is the earliest variety grown. Per pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

CELERY—Continued

White Plume. A variety especially adapted to cultivation by amateurs, as its inner stalks and leaves are naturally white, and do not require blanching by the old process of high banking. By simply tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. It is ornamental, tender, crisp, and of good flavor. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

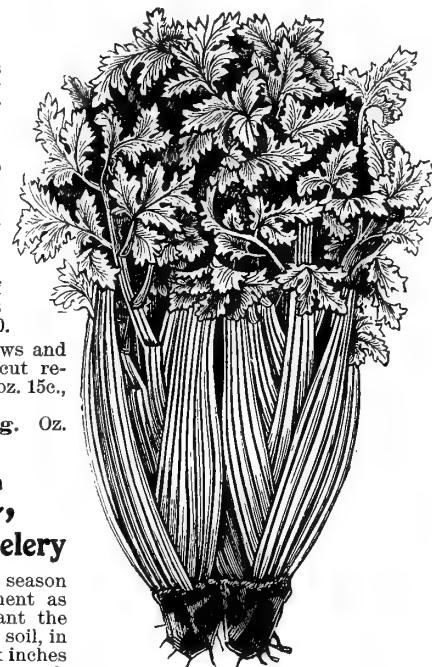
Perfection Heartwell. A large, solid, fine-flavored sort of creamy white color; a favorite in New York markets and a fine winter sort. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Evans' Triumph. One of the best late sorts. Solid, crisp and fine nutty flavor. Can be kept as late as April or May. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. 90c., lb. \$3.00.

Dwarf Golden Heart. Resembles the Half-Dwarf White in habit of growth; very solid and the heart is of a golden yellow when blanched; excellent keeper, and fine for garden or market. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Soup, or Cutting Celery. This variety is adapted to sowing thick in rows and cutting when three or four inches high, to use for soup flavoring. It can be cut repeatedly and will furnish a succession throughout the season. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Celery Seed for Flavoring. Oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 30c.



Celery, White Plume



Curled Chervil

Curled Chervil. The young leaves are used for flavoring soups and salads. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

CHICORY

Chicory is cultivated chiefly for its roots, which are dried and used as a substitute or flavoring ingredient for coffee. The leaves, when blanched, are also esteemed as an excellent salad. Cultivate as recommended for carrots.

Large Rooted. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Witloof. Sow in June and transplant the roots in October in rows eight inches apart, in trenches one foot deep; cut off the leaves. Cover the roots with well sifted soil eight inches thick, adding a good layer of manure two to three feet thick. The Witloof will be ready for use in about three weeks. Valuable as a salad as well as a vegetable. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.



Chicory, Witloof

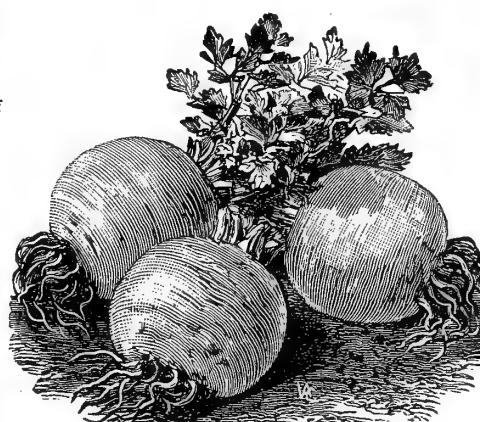


Corn, Salad

One ounce will sow 150 ft. of drill.

This excellent salad may be had the year round. Sow in September in drills eight inches apart, covering the seeds lightly and protect from frost by a light covering of hay or litter. The seed may also be sown in spring.

Large-Seeded. The most popular variety grown. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.



Celeriac, Large Smooth Prague

CELERIAC, Or Turnip-Rooted Celery

Sow the seed at the same season and give the same treatment as common celery. Transplant the young plants to moist, rich soil, in rows two feet apart and six inches apart in the row. Give thorough culture. As the roots are the edible portion of this vegetable, it is

not necessary to earth up or "handle" it. After the roots have attained a diameter of two inches or over, they will be fit for use. To keep through winter, pack in damp earth or sand and put in the cellar or leave out of doors, covering with earth and straw, like beets or carrots.

Large Smooth Prague. An improved form of turnip-rooted celery, producing large and smooth roots, which are almost round and with very few side roots. Plants vigorous, with large, deep green foliage. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

CHERVIL

The Curled Chervil is cultivated like parsley, and used for garnishing and flavoring soups and salads. The seed of the Tuberous Rooted is sown in August, and treated like the carrot.



Curled Cress

CRESS, OR PEPPERGRASS

One ounce will sow 150 feet of drill.

A popular salad which should be sown early in the spring—very thickly in shallow drills—and at short intervals, for succession, as it soon runs to seed.

Extra Curled. The best variety grown; leaves are beautifully cut and curled; highly prized for garnishing. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

WATER-CRESS

This wholesome salad may be grown in any moist situation, but more successfully by the edge of a running brook. The seed may be sown in May, on the ground where it is intended to be grown, and the thinnings transplanted. The plants should be set not less than a foot apart. The cress will be fit for gathering the second year.

The Common Variety. Per pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

True Erfurt. More highly esteemed than the ordinary variety, being less pungent and of a more agreeable flavor. Per pkt. 15c., oz. 75c., $\frac{1}{4}$ lb. \$2.50.

CORN, SUGAR

Corn requires a good soil and a warm situation. Commence for first early by planting the early varieties about May 1, and if a continuous supply is wanted all summer, make plantings about two weeks apart from May 1 until the last of July, first planting early varieties, then later ones. Plant in rows 3 feet apart, and make the hills about the same distance apart in the rows. Five kernels in the hill are plenty. Cover about 1 inch deep for early, and a little deeper for late. Thin to 3 plants in a hill.

Add 5c. per pt., 10c. per qt., if to be sent by mail.

Extra Early Cory. This variety is of great value for its extreme earliness. The ears are of good size and of first-rate quality. Per pt. 15c., qt. 25c., pk. \$1.25.

Early Champion. This variety is large; white cob, very sweet and yielding from 2 to 3 ears on each stalk. Per pt. 15c., qt. 25c., pk. \$1.25.

Perry's Hybrid. This is a very popular eastern variety. Stalks about 6 feet high, bearing two large, 12 or 14-rowed ears which often have a red or pink cob; grain medium sized, cooking very white and tender. Matures a little later than the Minnesota. Per pt. 15c., qt. 25c., pk. \$1.25.

Metropolitan. The new Metropolitan combines the essential features of earliness and fine quality to a more satisfactory degree than any of the other first early varieties. Per pt. 15c., qt. 25c., pk. \$1.25.

Early Mammoth. A valuable variety; at least 10 days earlier than the Mammoth. It is remarkable for its delicious sweetness. Per pt. 15c., qt. 25c., pk. \$1.25.

Country Gentleman. The sweetest of all sweet corn. The kernels are pearly white and irregularly crowded together on the cob. Per pt. 15c., qt. 25c., pk. \$1.25.

Hickox Improved. Of medium earliness; valuable for market or family garden use. Per pt. 15c., qt. 25c., pk. \$1.25.

Kendall's Early Giant. A valuable new early sweet corn. The ears grow to a tremendous size, measuring 8 to 10 inches long, and having 10 to 18 rows on each cob, the majority having 12 rows; kernels pure white; sweet, tender. Per pt. 15c., qt. 25c., pk. \$1.25.

Stowell's Evergreen. The most popular variety grown; late; ears large; very sweet, and retain their juicy tenderness longer than any other sort. Per pt. 15c., qt. 25c., pk. \$1.25.

Early Evergreen. Ripening about 10 days earlier than the well-known Stowell's Evergreen. This variety is certain to become very popular as a medium early sort. The ears are



Corn, Perry's Hybrid

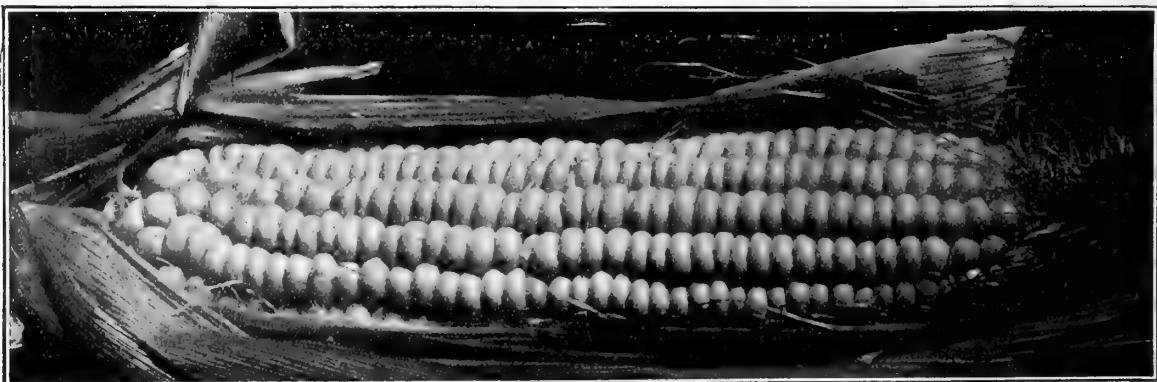
large and uniform; quality and flavor excellent. Per pt. 15c., qt. 25c., pk. \$1.25.

Mammoth Late Sugar. Green ears of this variety have been exhibited weighing between 2 and 3 pounds. It is the sweetest and largest of all the mammoth sweet sorts. It is also valuable on account of its yield of stalks for fodder. Per pt. 15c., qt. 25c., pk. \$1.25.

Black Mexican. This corn, when in condition for the table, cooks remarkably white; but the ripe grain is black or bluish-black. It is surpassed by none in tenderness. For family use it is considered by many the most desirable of the medium late sorts. It does especially well for second early in the South. Per pt. 15c., qt. 25c., pk. \$1.25.

White Pop Corn. Per lb. 10c., 100 lbs. \$8.00.

Sweet Fodder Corn. Per pk. 75c., bush. \$2.50.



Corn, Stowell's Evergreen



Cucumber, Improved White Spine

Sow in small pots from middle of January, in hotbed or hothouse. Keep a temperature of 65 degrees at night, to 75 or 80 degrees with sun-heat. The following selection includes some of the leading English varieties: **Blue Gown**, **Lord Kenyon's Favorite**, **Telegraph**, **Marquis of Lorne**, **Duke of Edinburgh**, **Cuthill's Black Spine**, **Covent Garden Favorite**, **Rockford's Market**, **Lockies' Perfection**. Per pkt. 25c.

EGG PLANT

One ounce will produce 1,000 plants.

The egg plant will thrive well in any good garden soil, but will repay good treatment. The seed should be sown in hotbeds the first week in April, care being taken to protect the young plants from cold at night. Plant out about June 1, about $2\frac{1}{2}$ feet apart. If no hotbed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or boxes in the house.

New York Improved Purple. This variety is extensively cultivated for both market and private use; it grows to a large size; very prolific and fine flavored. Per pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

ENDIVE One ounce will sow 200 feet of drill.

A highly-esteemed winter salad. For first crop sow about the middle of May, and for succession in June and July. When the plants are two or three inches high, thin them out or transplant into moderately rich and rather light soil, one foot apart. When nearly full grown, and before they are fit for the table, they should be blanched by tying the leaves loosely together, or by covering with boards or flower-pots.

Green Curled. The hardest variety grown; beautifully curled, tender and crisp. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Broad-Leaved Batavian (Escarrolle). This variety is chiefly used in soups and stews; requires to be tied up for blanching. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

FENNEL

Florence, or Naples. Sow in spring, in rows 16 to 20 inches apart. Thin out so as to have the seedlings 5 or 6 inches apart, and water as plentifully as possible. The plant is usually eaten boiled. In flavor it resembles celery, but with a sweet taste and a more delicate odor. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

GARLIC One pound will plant 10 feet of drill.

Garlic is used for a variety of flavoring purposes. Plant the sets 6 inches apart in rows 1 foot apart. As soon as the leaves have turned, the crop is matured, and may be harvested like the onion.

Garlic Sets. Per lb. 30c.

CUCUMBER

One ounce will plant 50 hills.

Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled, warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared, by mixing thoroughly with the soil, in each a shovelful of well-rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill.

Bennett's White Spine. This strain is a week earlier than the variety known as "Improved White Spine," but retains its glossy dark-green color much longer on the vine. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Improved White Spine. Early and productive, and suitable either for forcing or outdoor crops. Fruit of medium size, good shape, light green with a few white spines on the surface. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

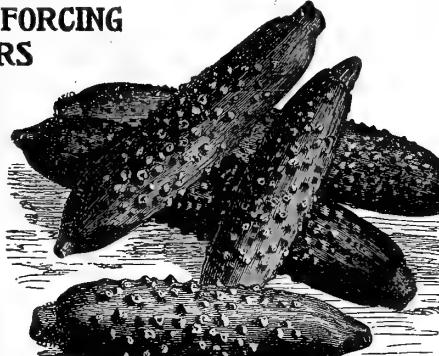
Evergreen White Spine. This variety is very hardy, and will not turn yellow. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Green Prolific, or Boston Pickling. A distinct variety. A favorite with pickle growers and commercial gardeners, and good for table use. Quite productive. Fruit small, uniform in size. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Improved Long Green. The leading long growing sort, and excellent for pickles. The fruits are dark green, long, well-shaped, firm and crisp. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Japanese Climbing. This is a strong and vigorous grower. The fruits are 10 to 12 inches in length; fine for pickling. Per pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

West India Gherkin. Used only for pickling. Per pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

ENGLISH FORCING CUCUMBERS

Cucumber, Green Prolific Pickling



Dandelion

DANDELION

One ounce will sow 100 feet of drill.

In spring, the blanched leaves of this plant make a most delicately-flavored and wholesome salad. The seed may be sown in May or June, in drills half an inch deep, and 12 inches apart; thin out the plants to six inches; cultivate during summer, and the following spring the leaves will be fit to cut. The quality is improved very much by blanching, which can be easily done by covering over the plants with boards.

French (common). Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.



Egg Plant, New York Improved Purple



Kohl Rabi, White Vienna

KOHL RABI

The Kohl Rabi is a vegetable intermediate between the cabbage and turnip, and combines the flavor of each. The edible part is a turnip-shaped bulb formed by the enlargement of the stem. When used for the table, this should be cut when quite small. Sow in light, rich soil, as early as possible, in drills 16 inches apart, and when well established, thin to 6 inches apart in the row.

Early Purple Vienna. Nearly like the last, except in color, which is a bright purple with leaf stems tinged with purple. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Early White Vienna. Very early; small, handsome white bulb. Best early variety for table. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Large Green. Is hardy; quite late and used for feeding stock. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.



Lettuce, Paris White Cos (Romaine)

LETTUCE

The fine quality of lettuce depends largely upon how quickly it is grown, and this is best obtained by transplanting. It thrives best in rich moist ground. Sow in the open ground as early as the spring opens, and continuously until July. Always thin out well, or the plants will not be strong. When wanted as a cut salad, sow the seed thickly in rows or broadcast.

Early Curled Simpson. One of the earliest and best for market. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Black Seeded Simpson. Nearly double the size of the ordinary Curled Simpson; stands the summer well. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Boston Market. Solid, crisp and compact; one of the best for forcing. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Yellow Seeded Butter. A compact growing, heading variety with yellowish-green, thick, smooth leaves forming into a solid head which blanches to a rich cream color, and is of fine quality. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Big Boston. This variety is the same in color, shape and general appearance as the Boston Market, but *double the size*. It is about one week later in maturing, but its solidity and greater size of head will make it a most valuable sort. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

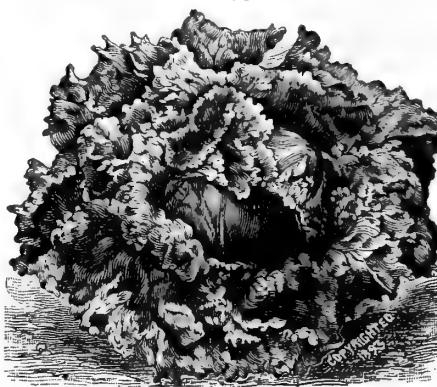
Salamander. An excellent summer variety, forming large sized heads that stand the drought and heat without injury longer than any other sort. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Defiance Summer. One of the best summer lettuces for family use, remaining crisp and tender for a long time; heads light green and large. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Market Gardener's Private Stock. A most excellent sort. The leaves are very large, deep, bright green, slightly wrinkled and form a large head which blanches nicely and remains a long time in condition for use. A sort which cannot fail to please those who appreciate high quality. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.



Lettuce, Yellow Seeded Butter.



Lettuce, Curled Simpson

Mammoth Black Seeded Butter. A large head. Lettuce of splendid quality; lighter in color than the Big Boston. For early or late crop it has no equal. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Brown Dutch. One of the best winter varieties; very hardy, crisp and sweet. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Paris White Cos. One of the finest varieties for summer use; the long, narrow leaves should be tied up for a few days to facilitate blanching. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.



Leek, Large American Flag

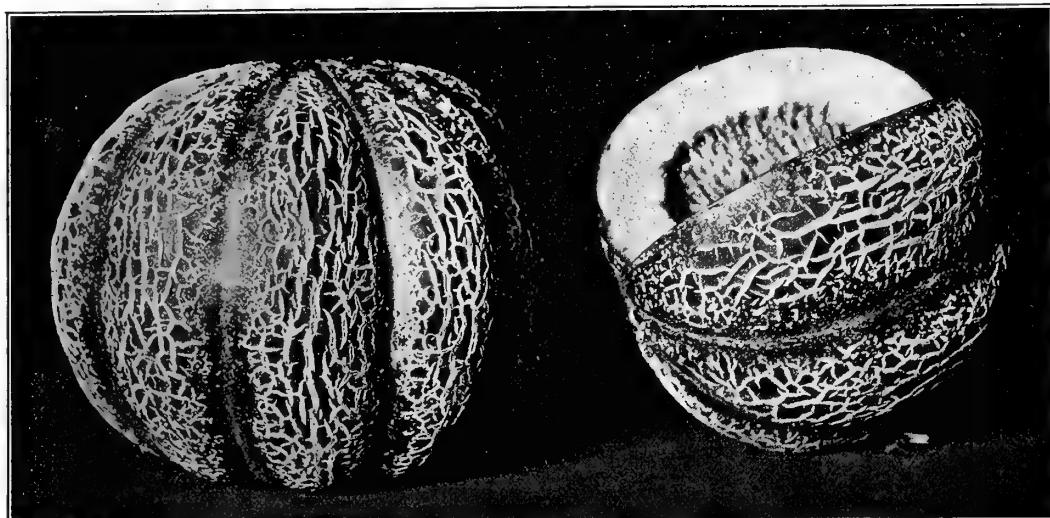
LEEK

One ounce will sow 200 feet of drill.

The leek is very hardy and easily cultivated; it succeeds best in a light but well-enriched soil. Sow as early in spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 or 8 inches high, transplant in rows 10 inches apart each way, as deep as possible, that the neck, being covered, may be blanched.

Large American Flag. The most desirable for market or family use. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Musselburgh. A very large variety of superior quality. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.



Musk Melon, Emerald Gem

MUSK MELON

One ounce will plant 75 hills.

Cultivate in hills, which should be five to six feet apart each way, and composed of light, moderately rich soil. The hills should be dug about two feet square, 18 inches deep, and half filled with well-rotted manure, which must be thoroughly incorporated with the soil. Plant in May, ten seeds to the hill, and when the plants are well up, thin out to three. Cultivate until the vines cover the ground and pinch the ends of the growing shoots to induce early fruiting.

Early Hackensack. This strain is the result of careful selection of old variety by the same name, but is much larger, ten days earlier, and of superior quality. Flesh light green and of delicious flavor. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Netted Gem. One of the earliest and most prolific small melons, globe-shaped, uniform in size, weighing from $1\frac{1}{2}$ to $1\frac{1}{2}$ lbs. each. Flesh light green and of fine flavor. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Emerald Gem. Fruit of medium size; skin smooth, of a deep emerald green color. The flesh is of a diffused salmon color, and ripens thoroughly to the extremely thin green edge; delicious flavor. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Long Island Beauty. This variety is of the Hackensack type. The flesh is green and of the very finest quality, and the skin is densely netted. It is the earliest of all the standard varieties. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Rocky Ford. This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, green, very sweet and high flavored. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

WATER MELONS

One ounce will plant 50 hills.

Water melons are cultivated in hills, which should be six to eight feet apart each way, and composed of light, moderately rich soil. The hills should be dug about two feet square, 18 inches deep, and half filled with well-rotted manure, which must be thoroughly incorporated with the soil. Plant in May, ten seeds to a hill, and when the plants are well up, thin out to three. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting.

Mountain Sweet. The most popular variety grown; fruit of oblong shape; flesh red, firm and sweet. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

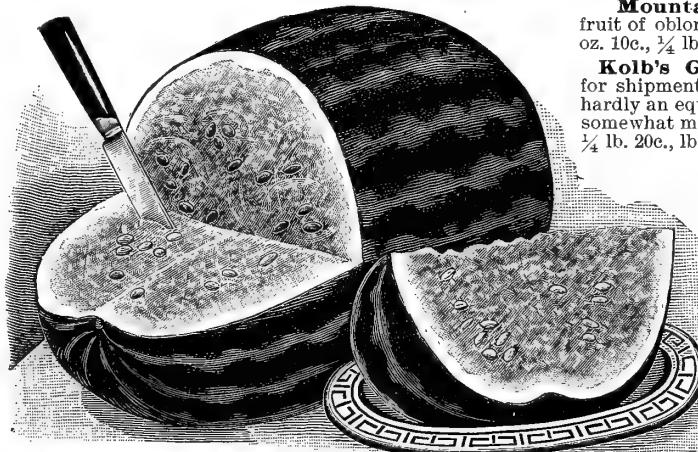
Kolb's Gem. Largely grown, particularly in the South, for shipment to Northern markets. As a shipping melon it has hardly an equal. The fruit is nearly round; rind dark green, somewhat marbled with lighter shades. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

The Dixie. A melon of excellent quality, extremely sweet, juicy and tender. Very early, hardy and productive. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

The "Boss." Oblong in shape; skin dark green; flesh deep scarlet and of rich flavor. Early, heavy, productive and a good shipper. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Sweet-Heart. A distinct and handsome new water melon. Vine vigorous and productive, ripening early. Fruit large, oval, very heavy, uniformly mottled light and dark green. Flesh bright red, solid and very tender, melting and sweet. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Citron, For Preserving. Handsome round fruit of small size, highly esteemed as a table preserve. Per pkt., 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

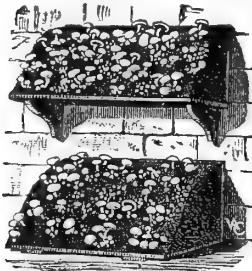


Water Melon, Sweet-Heart

MUSHROOM SPAWN.

Ten pounds will spawn 10 feet square.

The Mushroom is one of the most profitable crops grown, especially in the vicinity of large cities, where the demand, at all seasons, is far in excess of the supply. Its cultivation may be carried on successfully in a cellar or shed during winter, or in the open air in summer.

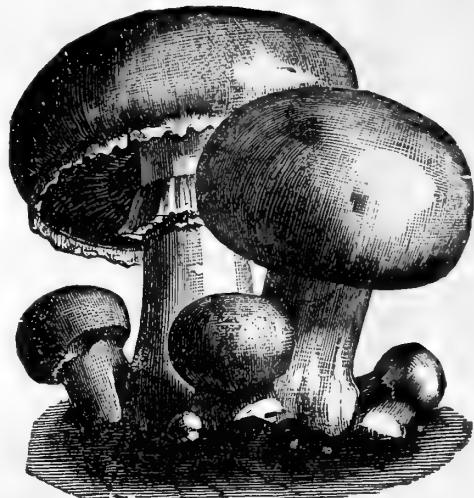


Mushrooms on Shelves

Collect sufficient fresh horse droppings to form the desired size of bed, spreading them out in an airy shed to dry, and turning them frequently. When in a proper state as to dryness, which will soon be learnt by experience, make these into a bed from nine inches to one foot thick, beating them firmly together. If the droppings have been properly prepared, gentle fermentation will soon commence, and when the temperature of the bed is from 75° to 80°, with no danger of it rising higher, put in the spawn. This is done by making shallow holes about nine inches apart, inserting pieces of spawn about the size of a hen's egg and covering with the dung, pressing this closely about the spawn. It is of the greatest importance that the temperature of the bed should not decline below 75°, nor rise above 80° for a month after spawning. Within a fortnight after putting in the spawn, cover the bed about two inches thick with good, mellow, moist soil, making this firm; and if under this a covering one or two inches thick of cow dung, in about the same state as to moisture as the soil, can be afforded, this will cause the bed to last longer, and also to produce a larger crop than if covered with soil only. The most suitable temperature for beds in bearing is 50° to 55° and as a high temperature causes the mushrooms to come small, this should be avoided. Watering beds in bearing often causes the small mushrooms to damp off; therefore, water only when the bed ceases to be productive, and then use the water about the same temperature as the bed.

English Spawn. (*In Bricks.*) Superior quality. Per lb. 15c., 8 lbs. \$1.00.

French Spawn. More bulky than the English, being packed loosely in boxes. In 2-lb. boxes, 75c. each. In bulk, 35c. per lb.



Mushrooms



Nasturtium, Dwarf

beautiful and attractive border flower; while the young seeds of either, when pickled, furnish an excellent substitute for capers. Sow the seeds in drills one inch deep; the tall should be grown by the side of a fence or supported by a trellis.

Dwarf Mixed. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Tall Mixed. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

MUSTARD

One ounce will sow 75 feet of drill.

As an ingredient, the green mustard imparts a delightfully pungent flavor to the various forms of prepared salads. For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the spring, in drills from eight to twelve inches apart.

White London. The best variety for salads; the seed is also used medicinally, and as a seasoning for pickles. Per oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Black or Brown. An esteemed sort for culinary use. Per oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.

New Chinese. Leaves twice the size of the ordinary white mustard; stems more succulent, of deeper green; flavor pleasantly sweet and pungent. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

NASTURTIUM

OR INDIAN CRESS

One ounce will sow 20 feet of drill.

The Nasturtium is both ornamental and useful, the tall variety forming a showy and graceful climber, and the dwarf an exceedingly



Okra, White Velvet

OKRA, OR GUMBO.

One ounce will plant 100 hills.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May, in drills three feet apart, and thin out the plants to one foot apart.

White Velvet. This Okra takes its name from the smoothness of its pods, which are round, differing in this respect from the old sort. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Improved Dwarf Green. Very early; smooth pods. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Long Green. Long ribbed pods; very productive. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

ONION SEED

One ounce for 100 feet of drill.

The onion thrives best in a rather deep, rich, loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread it firmly; sow thinly in drills about $\frac{1}{4}$ of an inch deep, and 1 foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand 3 or 4 inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

Adriatic Barletta. A very early, small, pure white variety, having a very delicate silver skin; flesh firm and mild in flavor. Its great merit over all others is its extreme earliness. For pickling purposes it is unequalled. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

The Queen. A handsome silver-skinned variety; esteemed for its rapid growth, mild flavor and fine keeping qualities. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

White Portugal, or American Silverskin. A medium-sized, white, flat onion of mild flavor; fine for early winter use and much esteemed for pickling when small. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

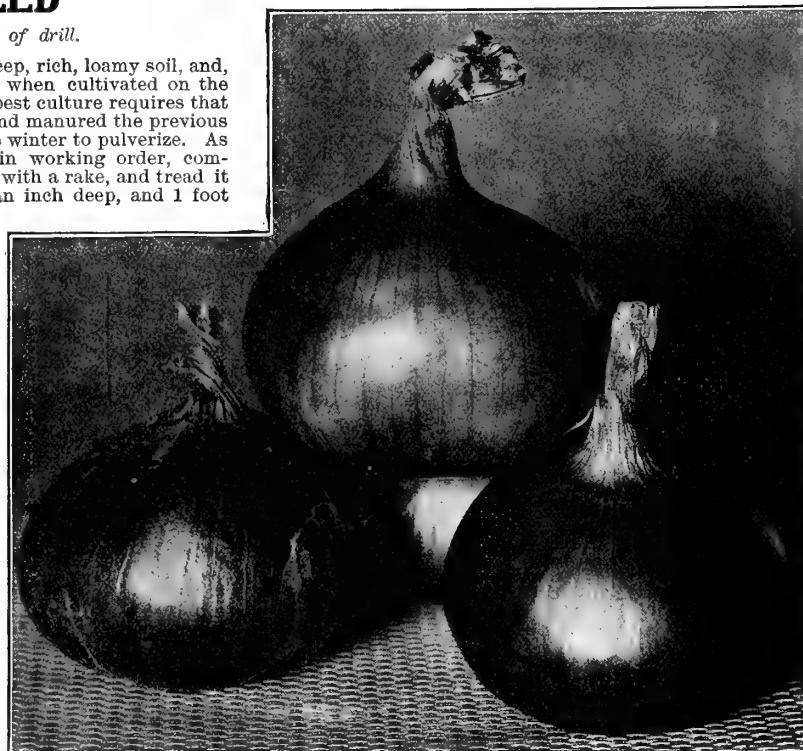
White Globe. Yields abundantly, producing handsome globe-shaped bulbs. Flesh firm, fine-grained and of mild flavor. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Yellow Globe Danvers. Early, round, very small neck, fine-grained, mild flavor, immensely productive and an excellent keeper. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Prize Taker. This is the large, beautiful onion that is seen every fall offered for sale at the fruit stores in New York and other large cities. They are a rich straw color and of enormous size, averaging 12 to 14 inches in circumference. Although of such great size, it is very hard and an excellent keeper. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.



Egyptian, or Top Onion



Large Red Wethersfield. A well-known sort; grows to a large size, very productive, and an excellent keeper. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Large Red Globe. Selected. Onions large and handsome, globe-shaped, and color a purplish crimson. It is a good keeper. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

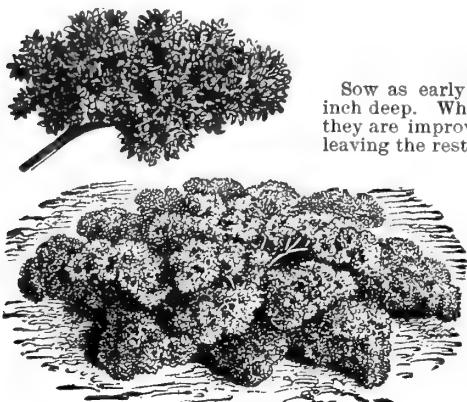


ONION SETS

Onion sets should be planted out as early as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July.

White Sets, per qt. 20c. **Red Sets,** per qt. 20c. **Yellow Sets,** per qt. 20c.

Egyptian, or Top Onion. Produces small bulbs on top of stalks which are planted in autumn, and used in the spring as scallions. Sets, per qt. 20c.



Parsley, Extra Double Curled

Extra Double Curled. A beautifully curled dwarf variety, highly esteemed for garnishing. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Champion Moss Curled. A compact growing, finely cut and densely curled variety, of a bright green color. Owing to the fine color and density of foliage, it is one of the most popular sorts. Per pkt. 5c., oz. 10c., $\frac{1}{2}$ lb. 20c., lb. 60c.

Plain. A plain-leaved variety, fine for flavoring. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Turnip-Rooted, or Hamburg. The root, which resembles a small parsnip, is the edible portion of this variety. Extensively grown and used for flavoring soups, etc. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

PEPPER

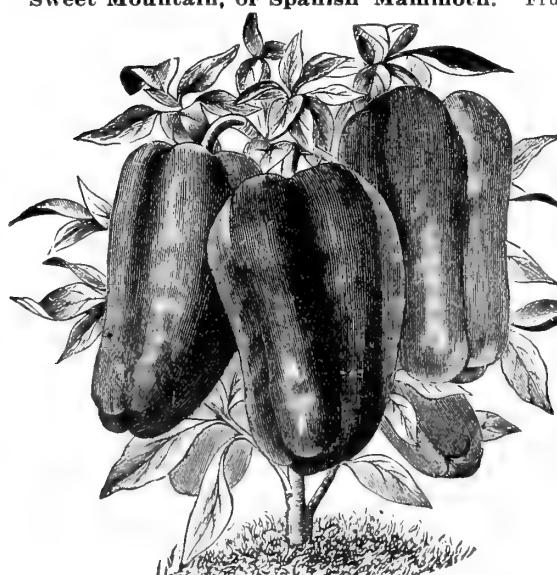
One ounce will produce 2,000 plants.

Sow early in April in a hotbed, in shallow drills, six inches apart, and transplant to the open ground as soon as the weather is warm and settled. Set the plants in mellow soil, in rows 16 inches apart, and the same distance apart in the rows. The seed may also be sown in the open ground, but not until all danger of frost is past.

Large Bell, or Bull Nose. Fruit large, cylindrical; flesh mild, thick; suitable for filling or for a stuffed pickle. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Sweet Mountain, or Spanish Mammoth.

Fruit a rich red, very large, often eight inches or more in length by two inches in diameter, very smooth and handsome. Flesh very thick, sweet and mild flavored. A late variety. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.



Pepper, Large Bell

PARSNIP

One ounce per 200 feet of drill.

Sow as early in spring as the weather will admit, in drills 15 inches apart, covering half an inch deep. When well up thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground till spring, to be dug as required.

Hollow Crown. The roots are long, smooth and milky-white; without doubt the finest stock of parsnip in this country. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

PARSLEY

Very useful for flavoring soups and stews and for garnishing. The green leaves are used for flavoring, or they may be dried crisp, rubbed to a powder, and kept in bottles until needed.

It requires rich, mellow soil. The seed is even slower than parsnip in germinating and should be sown as early as possible in the spring, in drills one to two feet apart, and when the plants are well up thin to one foot in the row. When the plants are about three inches high cut off all the leaves; the plant will start a new growth of leaves which will be brighter and better curled, and if these turn dull or brown they can be cut in the same way; every cutting will result in improvement.



Parsnip, Hollow Grown

Ruby King. Grows to a very large size, yet is symmetrical. It is very bright colored and mild flavored and excellent for stuffed pickles. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Long Red Cayenne. Fruit three to four inches long, conical in form, of a bright red color and very productive. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Chili. Very piquant and prolific; small, slim fruits, generally used for making pepper sauce. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

PEAS

All smooth-seeded peas may be planted as early in spring as the soil can be prepared for them. They are very hardy, and will endure a low temperature, both before and after sprouting. By sowing for the first crop as early as is practicable, and for succession at intervals of about two weeks until the first of June, a good supply of this delicious vegetable may be enjoyed through the greater part of the summer. Late sowings, however, do not yield [as well as early ones, because the hot and dry weather is unfavorable to the development of the plants. The seed should be sown in drills about three inches deep and from three to four feet apart, according to the variety, taller sorts requiring more room than the dwarf ones. Dwarf peas require a very rich soil, while tall ones thrive best in rather thin ground, which does not stimulate too luxuriant growth in the vines, to the detriment of the pods. The latter are frequently sown in double rows, with the brush or support of some kind between them. Wrinkled peas are not so hardy as the smooth sorts, and should not be sown as early, but are superior to them in quality,

more delicate in flavor, and remain longer in season. One quart of seed will plant about 125 feet of drill.

For Peas to be sent by mail, add postage at the rate of 15 cts. per quart to prices given.

EXTRA EARLY DWARF PEAS

Nott's Excelsior. We consider this Dwarf Extra Early variety one of the best. Pods well filled with peas, which in sweetness and quality are far superior to any of the other extra early varieties. Height $1\frac{1}{2}$ ft. Per pt. 15c., qt. 25c., pk. \$1.75.

American Wonder. One of the earliest wrinkled sorts, and one of the most popular. Per pt. 15c., qt. 25c., pk. \$1.75.

Extra Early Premium Gem. Of the Little Gem order, but a decided improvement in quality and productiveness. Per pt. 15c., qt. 25c., pk. \$1.75.

EXTRA EARLY PEAS

Medium Height

Gradus. This is undoubtedly the most up-to-date achievement in Early Peas, and the pods are the same size as the well-known "Telephone," with *very large* wrinkled peas of a beautiful *dark green* color; the variety being only $2\frac{1}{2}$ feet in height. Fine in quality and of excellent flavor. Per pt. 20c., qt. 35c., pk. \$2.50.

Thomas Laxton. We have found this pea to be one of the earliest wrinkled sorts. It is very hardy, a strong grower and as productive as the well-known Gradus. The pods are of a dark green color, filled with peas of superb flavor. Per pt. 20c., qt. 35c., pk. \$2.50.

First of All. Very early and prolific; a standard variety. Height, $2\frac{1}{2}$ ft. Per pt. 15c., qt. 25c., pk. \$1.50.

First and Best. Very early and prolific; a standard variety. Popular with canners. Height, $2\frac{1}{2}$ ft. Per pt. 15c., qt. 25c., pk. \$1.50.

Improved Daniel O'Rourke. One of the best early peas. Height, $2\frac{1}{2}$ ft. Per pt. 15c., qt. 25c., pk. \$1.50.

SECOND EARLY PEAS

McLean's Advancer. An early green wrinkled variety; long pods well filled; quality excellent. Height, $2\frac{1}{2}$ ft. Per pt. 15c., qt. 25c., pk. \$1.50.

Horsford's Market Garden. The pods are of medium size, well filled. Height, 2 ft. Per pt. 15c., qt. 25c., pk. \$1.50.

LATE OR MAIN-CROP PEAS

Telephone. A fine, tall, wrinkled variety, and a great cropper, bearing immense pods of large peas of exquisite flavor. It is decidedly a market garden pea. The large pods fill a basket quicker than any other variety. Vines 4 ft. Per pt. 15c., qt. 30c., pk. \$2.00.

Champion of England. The most popular variety grown; fine flavored and an abundant cropper. Height, 4 ft. Per pt. 15c., qt. 25c., pk. \$1.50.

Duke of Albany. Immense pods, on style of Telephone; a very superior pea of quick growth; pods dark green, well filled. Height, 4 ft. Per pt. 15c., qt. 30c., pk. \$2.00.

Pride of the Market. Large pods; popular for market. Per pt. 15c., qt. 25c., pk. \$1.50.

Long Island Mammoth. Very popular with market gardeners who want a large, handsome pod of a deep green color. Per pt. 15c., qt. 25c., pk. \$1.50.

Dwarf Telephone. A dwarf variety of the well-known Telephone, growing only about two feet. Pods extra long, measuring from 4 to 5 inches, curved at the end and filled with large peas of a beautiful green color. Per pt. 15c., qt. 30c., pk. \$2.00.

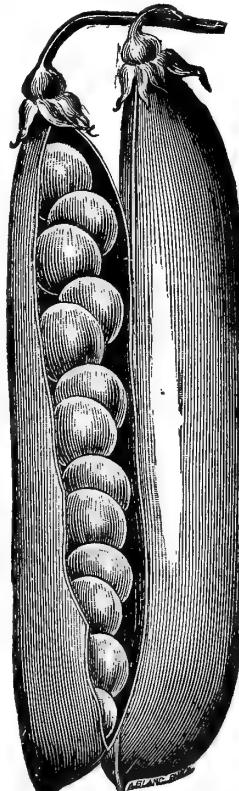
Dwarf Sugar. Per pt. 20c., qt. 35c. **Tall Sugar.** Per pt. 20c., qt. 35c.



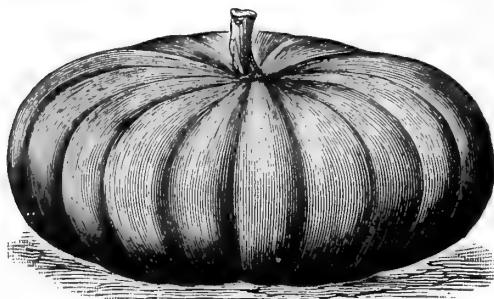
Pea, Nott's Excelsior



Pea, First of All



Pea, Telephone



Pumpkin, Cheese

RADISH

Radishes must make a rapid growth to be crisp and tender. For early use seed should be sown in the hotbed, in drills, three or four inches apart and half an inch deep. For an early crop in the open ground, select a sandy soil, and a warm south border, under the shelter of a fence or building, if possible, and sow thinly in drills ten inches apart. For a succession sow every two weeks until September. The Winter Radish should be sown about the middle of summer, and makes its best growth in the autumn. Pitted out of doors or buried in earth in a cool cellar, it will keep crisp all winter.

One ounce will sow 100 feet of drill; ten pounds to the acre.

Earliest Carmine Forcing. The earliest variety in cultivation, deep scarlet, turnip shaped, very small top, flesh crisp and white. The most valuable for forcing or general sowing. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Early Scarlet Globe Forcing. A variety of distinct shape and brilliant color, short-leaved. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Early Scarlet Turnip, White Tipped, Forcing. New forcing sort, maturing in about twenty days. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

White Tipped Scarlet Turnip. Size medium; early and of delicate flavor; one of the best. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb., 20c., lb. 60c.

Early Round Dark Red. Same shape as the Scarlet Turnip, darker in color and makes smaller tops. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Early White Turnip. Pure white, fine for early use. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

French Breakfast. Scarlet, with white tip, shape nearly oval, good for forcing or summer sowing. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

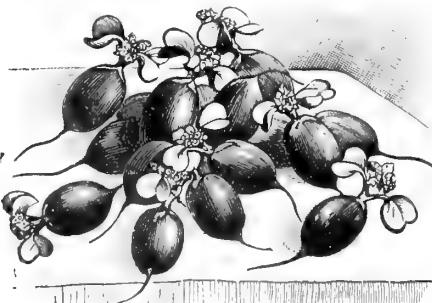
Long Scarlet Short Top. Very long and crisp, valuable for open ground. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Golden Yellow Olive-Shaped. This is a fine new German radish, equally well adapted as an early forcing or summer radish. Flesh white, tender, crisp and brittle. The outside skin is a bright, fresh yellow. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.

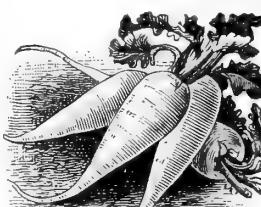
Yellow Turnip. A splendid summer variety, remarkable for its endurance of heat and drought. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Giant White Stuttgart. Very large, pure white sort, firm, crisp, juicy; does not get pithy. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

White Summer Turnip. Excellent for summer use. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



Radish, Scarlet Globe Forcing



Radish, White Strasburg

White Strasburg. When comparatively small, this variety is in good condition for use, and continues crisp and tender until matured, when the roots are four to five inches long and about two inches in diameter. This is considered one of the best summer sorts. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Rose China Winter. Bright rose color, flesh firm. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Long Black Spanish. One of the hardiest and best for winter use. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Round Black Spanish. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Long Gray Winter. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

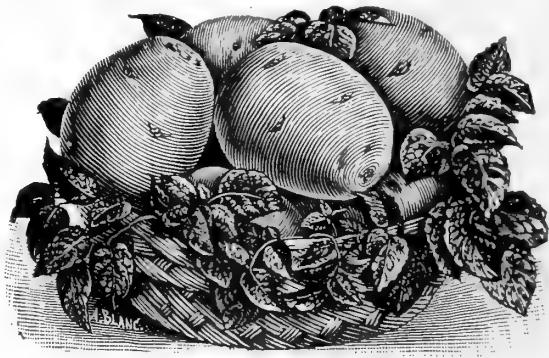
PUMPKIN

One ounce will plant 50 hills.

The common practice is to drop two or three seeds in every second or third hill in the cornfield, but if cultivated on a large scale the seed may be sown in hills, eight feet apart each way, four plants to each hill, and otherwise treated in the same manner as melons or cucumbers.

Large Cheese. The best for cooking purposes. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 60c.



Potatoes, Early Rose

POTATOES

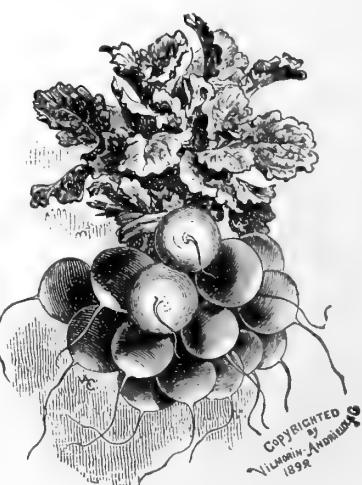
Ten bushels cut tubers will plant one acre.

The potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. In breaking up good pasture land, the decaying sod answers sufficiently well for potatoes the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the hills and ploughed in—the latter in most cases being preferable. In highly enriched soils the plants are more liable to disease than when grown in soil that is naturally good. Plant as early in spring as the ground can be had in fair working order, in hills or ridges, about three feet apart, cover lightly with soil, about four inches deep.

Early Rose. A splendid variety; early, productive, and of excellent quality.

White Elephant. Late, large, good quality, and very productive.

Price on application.



Radish, Scarlet Turnip, White Tipped

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VILMAR ANNUAL
1892

SPINACH

One of the most important crops grown for greens, and may be had in good condition from very early in spring until cold weather. For early use sow very early in spring, and for succession at intervals. The main crop, for spring and winter use, should be sown in September, and the plants covered for winter. An ounce of seed will sow 50 feet of drill; 20 pounds to an acre.



Spinach, Round Thick-Leaved

Long-Standing. A distinct variety, standing from two to three weeks longer than any of the other sorts without going to seed in this climate. Per oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Early Giant Thick-Leaved. Leaves very large, thick and deep green; an excellent variety. Per oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.

New Zealand. Endures drouth well. Should be started in heat and transplanted two feet apart. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 80c.



Spinach, Victoria

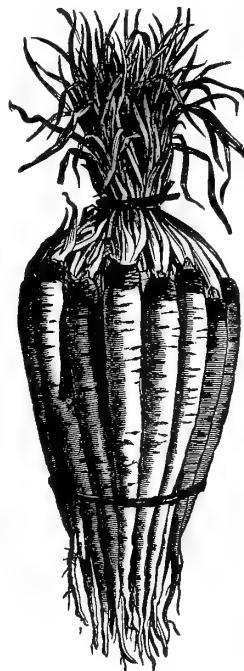
Bloomsdale Savoy-Leaved. A valuable variety with wrinkled leaves, resembling the savoy cabbage; it is very hardy and prolific. Per oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Large Thick-Leaved. One of the best market sorts. It produces a large, thick leaf and stands a long time before running to seed. Per oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Round-Leaved. One of the best for market or family gardens; good for fall or spring sowing. Per oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Large Thick-Leaved Viroflay. A fine selection of the old lettuce-leaved spinach; for summer use it is excellent. Per oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.

Victoria. This new variety is distinguished for its exceedingly dark, black-green color, and also for its very long-standing qualities, being from two to three weeks later than the ordinary "Long-standing." The leaves are thick and spread out flat upon the ground. It is excellent for spring sowing, but not sufficiently hardy to stand the winter in this locality. Per oz. 5c., $\frac{1}{4}$ lb. 15c., lb. 40c.



Mammoth Salsify

SALSIFY, OR OYSTER PLANT

One ounce will sow 50 feet of drill.

A very delicate and nutritious esculent, especially esteemed for its peculiar oyster flavor. Sow the seed early in spring, in drills twelve inches apart and one inch deep, thinning out the young plants to six inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

Mammoth Sandwich Island. Tender and delicious, very superior. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

SORREL

One ounce will sow 150 feet of drill.

This plant is considered valuable for its acid properties; mixed with salads, it imparts an agreeable and refreshing flavor. Sow in shallow drills twelve inches apart, and thin out the young plants to six inches.

Large-Leaved French. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

White Large-Leaved (New). Per pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.



Sorrel, Large-Leaved French

SWISS CHARD, OR SPINACH BEET

This Beet produces leaves only, excellent as greens. Cultivate same as spinach, sowing the seed early in spring, in drills $1\frac{1}{2}$ feet apart. Good cultivation will increase the delicacy and tenderness of the leaves.

Swiss Chard. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

TOBACCO SEED

One ounce will produce plants for one acre.

Connecticut Seed Leaf. Per pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Imported Havana. Per pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00., lb. \$3.50.

SQUASH

One ounce Early will plant 56 hills; 1 ounce Marrow, 25 hills.

The plants are very tender and sensitive to cold, and planting must be delayed until settled warm weather. The general principles of culture are the same as those given for cucumbers and melons, but the plants are less particular as to soil. The summer varieties should be planted 4 feet apart each way, and the winter sorts 8 feet. Three plants are sufficient for a hill. Care should be taken not to break the stems from the squashes intended for winter use, as the slightest injury will increase the liability to decay.

White Bush Scalloped. A very early and excellent market variety. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Long Island White Bush. An improvement over the old white bush varieties. Per pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Giant Summer Crookneck. This squash is twice as large as the ordinary Summer Crookneck, far more warty and several days earlier. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Bush Summer Crookneck. A very fine summer variety; yellow fruit, early and productive. Per pkt. 5c., oz. 10c. $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Boston Marrow. A well-known and highly popular winter variety; quality unexcelled. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Improved Hubbard. A large, very hard-shelled variety of the first quality; keeps longer than the Marrows. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Cocozella. This Italian squash grows about 22 inches long, with a diameter of about 4 inches. The skin is smooth, of a dark green color, marbled yellow or paler green; of very rapid growth, and fine-flavored. In Italy it is quite a favorite, and is eaten when very young. Per pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

TOMATO

One ounce will produce 1,500 plants.

This delicious vegetable is one of the most important of all garden products. The seed should be sown in a hotbed about the first week in March, in drills five inches apart,



Squash, White Bush

of blood-red color; perfectly smooth; ripens uniformly and bears abundantly until frost. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Favorite. This variety is of a bright red color; ripens evenly and well up to the stem; of good size. Its shape is globular, slightly flattened, and generally grows very smooth. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Acme. Rich glossy crimson, tinged with purple; perfectly smooth; one of the earliest. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Beauty. Another sort of great merit; round, smooth, glossy; crimson, tinged with purple. Excellent quality; solid and free from core. Early, vigorous. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Matchless. A distinct variety. It is early, of beautiful and uniform shape and good size; very dark red, and possesses extraordinary keeping qualities. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Ponderosa. This tomato is claimed to be the largest that has yet been introduced. It is of a bright red color, rather flat; flavor and solidity unequaled. Per pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

New Stone. This is a large, very smooth, bright scarlet tomato, ripening evenly to the stem, without cracking. The flesh is firm, solid and of excellent quality; one of the best for shipping. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Dwarf Champion. The foliage is very marked, of a dark green color; leaves thick and different from other sorts. Fruit smooth, medium in size and similar in color to the Acme. Per pkt. 5c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Yellow Plum. Shape uniformly oval and perfectly smooth, color lemon yellow; used for preserves. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.50.

Large Yellow. About the size and shape of the Perfection; color bright yellow. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.50.

Red Cherry. Fruit small, about five-eighths of an inch in diameter; perfectly round and smooth. Fine for pickles and preserves. Pkt. 5c., oz. 25c.



Tomato, Acme



Squash, Hubbard

and half an inch deep. When the plants are about two inches high they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set out in the open ground. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower-pot, and placing it in a sunny window of the room or kitchen.

Earlianæ. Is a very early, large variety, of uniform size and very productive. The fruit is round, smooth and firm; color bright red. For market or shipping purposes this is one of the best. Per pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Early Ruby. This variety is the earliest of all large tomatoes and of distinct and handsome appearance. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Perfection. An early variety

of blood-red color; perfectly smooth; ripens uniformly and bears abundantly until frost. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Favorite. This variety is of a bright red color; ripens evenly and well up to the stem; of good size. Its shape is globular, slightly flattened, and generally grows very smooth. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Acme. Rich glossy crimson, tinged with purple; perfectly smooth; one of the earliest. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Beauty. Another sort of great merit; round, smooth, glossy; crimson, tinged with purple. Excellent quality; solid and free from core. Early, vigorous. Per pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Matchless. A distinct variety. It is early, of beautiful and uniform shape and good size; very dark red, and possesses extraordinary keeping qualities. Per pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Ponderosa. This tomato is claimed to be the largest that has yet been introduced. It is of a bright red color, rather flat; flavor and solidity unequaled. Per pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

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Dwarf Champion. The foliage is very marked, of a dark green color; leaves thick and different from other sorts. Fruit smooth, medium in size and similar in color to the Acme. Per pkt. 5c., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Yellow Plum. Shape uniformly oval and perfectly smooth, color lemon yellow; used for preserves. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.50.

Large Yellow. About the size and shape of the Perfection; color bright yellow. Per pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.50.

Red Cherry. Fruit small, about five-eighths of an inch in diameter; perfectly round and smooth. Fine for pickles and preserves. Pkt. 5c., oz. 25c.

TURNIP

One ounce will sow 150 feet of drill; two pounds will sow an acre.

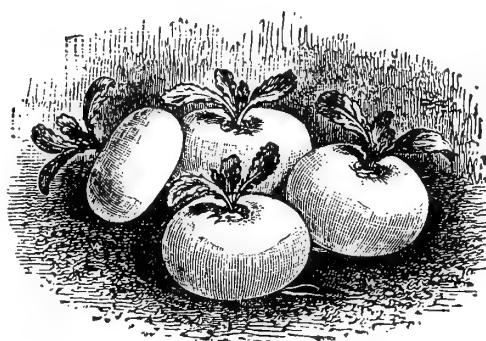
For early use, sow as soon as the ground can be worked in spring, in drills 15 inches apart, and thin to 8 inches apart as soon as plants are large enough to handle. For succession, sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowings should be made just before rain if possible, a rapid growth being important.

Extra Early White Milan. A splendid extra early turnip, in which the extreme earliness, small top and tap root of the Purple Top Milan are united with clear white skin and flesh. Very desirable for early planting. Per pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

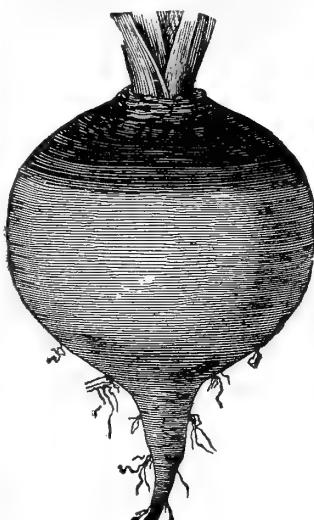
Extra Early Milan. The bulbs are white, with purple top, round, flattened and solid; flesh pure white, sweet and crisp. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Early Snowball. Small, solid, sweet and crisp; one of the best for table use. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Purple Top White Globe. A very handsome globe-shaped variety, valuable for market purposes. Per pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



Turnip, Extra Early White Milan



Ruta Baga, Improved Long Island

Basil, Sweet (*Ocimum basilicum*)

Bene (*Sesamum orientale*)

Borage (*Borago officinalis*)

HERBS

Sweet, Pot and Medicinal

The seeds should be sown in spring, in shallow drills, 12 inches apart, and the young plants thinned out or transplanted to about four inches. They should be harvested on a dry day, just before the blossom develops, dried quickly and bottled, or closely packed in dry boxes with the air entirely excluded.

Anise (*Pimpinella anisum*). Biennial. Per pkt. 5c., oz. 20c.

Balm (*Melissa officinalis*). Perennial. Per pk. 5c., oz. 20c.

Basil, Sweet (*Ocimum basilicum*)

Bene (*Sesamum orientale*)

Borage (*Borago officinalis*)

Caraway (*Carum carvi*) Perennial. Per pkt. 5c., oz. 20c.

Castor Oil Plant (*Ricinus communis*)

Annual. Per pkt. 5c., oz. 20c.

Coriander (*Coriandrum sativum*)

Annual. Per pkt. 5c., oz. 2c0.

Catnip (*Nepeta cataria*)

Perennial. Per pkt. 10c., oz. 30c.

Dill (*Anethum graveolens*)

Biennial. Per pkt. 3c., oz. 10c., lb. 75c.

Dill, Mammoth

Larger than the old variety. Per pkt. 5c., oz. 15c.

Fennel (*Anethum foeniculum*)

Perennial. Per pkt. 5c., oz. 15c.

Horehound (*Marutium vulgare*)

Perennial. Per pkt. 5c., oz. 30c.

Hyssop (*Hyssopus officinalis*)

Perennial. Per pkt. 5c., oz. 20c.

Lavender (*Lavandula spica*)

Perennial. Per pkt. 5c., oz. 20c.

Marjoram, Sweet (*Origanum marjorana*)

Annual. Per pkt. 5c., oz. 20c.

Marjoram, Pot (*Origanum onites*)

Perennial. Per pkt. 5c., oz. 20c.

Opium Poppy (*Papaver somniferum*)

Annual. Per pkt. 5c., oz. 20c.

Rosemary (*Rosmarinus officinalis*)

Perennial. Per pkt. 5c., oz. 20c.

Rue (*Ruta graveolens*)

Perennial. Per pkt. 10c., oz. 30c.

Saffron (*Carthamus tinctorius*)

Annual. Per pkt. 5c., oz. 20c.

Sage (*Salvia officinalis*)

Annual. Per pkt. 5c., oz. 20c., lb. \$2.00.

Summer Savory (*Satureja hortensis*)

Annual. Per pkt. 5c., oz. 20c.

Sorrel, Broad-leaved (*Rumex acetosa*)

Perennial. Per pkt. 5c., oz. 15c., lb. \$1.25.

Tansy (*Tanacetum vulgaris*)

Perennial. Per pkt. 5c., oz. 20c.

Thyme, Broad-leaved (*Thymus vulgaris*)

Perennial. Per pkt. 5c., oz. 40c.

Wormwood (*Artemisia absinthium*)

Perennial. Per pkt. 5c., oz. 35c.



Pot Marjoram



Rosemary

VEGETABLE PLANTS

CAULIFLOWER CABBAGE CELERY PLANTS

EGG PLANTS, Pot-Grown KOHL-RABI LETTUCE PLANTS

PEPPER PLANTS, Pot-Grown TOMATO PLANTS

TARRAGON ROOTS (*Estragon*). Each 35c., per doz. \$3.50; extra large, each 75c.

Plants ready May 1st to June 1st. Price on Application.

LAWN GRASS SEED



M. H. BRUNJES & SON'S CENTRAL PARK LAWN GRASS

(Weight, 20 pounds per bushel.)

This lawn mixture is composed entirely of the finest quality of fine-leaved dwarf (evergreen) growing grasses, in such proportions as will enable it to withstand the extreme heat of our summer. We give special attention to the RE-CLEANING of our grass seeds, removing all obnoxious weeds and foreign substances, thus insuring a perfect and clean lawn.

We recommend **four bushels of seed to the acre**; the thicker the seed is sown the sooner a smooth, velvety lawn will be obtained. One quart of seed will sow 15x20 feet (300 sq. ft.); 1 bushel, 100 x 108 feet (10,800 sq. feet); 4 bushels, one acre (43,560 sq. feet). Price per qt. 20c., pk. \$1.25, bush. (20 lbs.) \$4.50.

Full directions for making a lawn printed on each box.

FIELD CORN

Eight quarts will plant one acre in hills; three bushels will sow one acre broadcast or half that quantity in drills.

Golden Beauty. A grand new Dent variety of vigorous growth and immensely productive on rich soil. The ears are of perfect form, remarkable in size, filled to the tip with ten to fourteen rows of remarkably large bright golden grains. Cob very small for so large an ear. Ripens in from 110 to 120 days. Stalks ten to twelve feet in height, with abundant foliage. Per qt. 15c., pk. 60c., bush. \$2.00.

Leaming. One of the best medium early varieties in the market. The ears are large and handsome, with deep large grain; orange-yellow color and small red cob; very productive; husks and shells very easily. Per qt. 15c., pk. 60c., bush. \$2.00.

White Flint. Per pk. 75c., bush. \$2.50.

GRASSES AND CLOVERS

Prices subject to changes. Special quotations for large quantities.

Red Top (*Agrostis Vulgaris*). Valuable for either pastures or lawns. Per bushel (14 lbs.) \$2.00, bag (50 lbs.) \$6.00.

Fancy Red Top. Clean seed, free from chaff. Per lb. 20c., bushel (30 lbs.) \$6.00.

Kentucky Blue Grass (*Poa Pratensis*). Well known and extensively grown in all parts of the country. Per bushel (14 lbs.) \$2.50.

Orchard Grass (*Dactylis Glomerata*). A valuable pasture grass, relished by stocks of all kinds; particularly adapted for growing in shady, moist places, under trees, etc. Per bushel (14 lbs.) \$3.00.

Timothy or Herd Grass (*Phleum Pratensis*). A variety well known and highly appreciated, producing a profitable hay crop in almost any soil. $\frac{1}{2}$ bushel per acre. Per bushel (45 lbs.) about \$3.50.

Meadow Foxtail (*Alopecurus Pratensis*). One of the earliest and best pasture grasses, grows rapidly when cut or eaten down by stock. Per lb. 40c.

Sweet Vernal Grass (*Anthoxanthum Odoratum*). Prized more for its early growth than nutritive value. It should be sown in connection with other grasses. Per lb. 40c.

Tall Oat Grass (*Avena Elatior*). Producing an early and luxuriant growth; this is a valuable variety for pastures. Per bushel (10 lbs.) \$2.50.

Rhode Island Bent (*Agrostis Var*). Excellent for lawns or pastures. Per bushel (30 lbs.) \$7.50.

Crested Dogtail (*Cynosurus Cristatus*). An excellent grass for hard, dry soils, valuable for pastures and lawns. Per lb. 60c.

Hard Fescue (*Festuca Duriuseula*). One of the most desirable dwarf grasses, excellent for dry soils. Per lb. 25c.

Meadow Fescue (*Festuca Pratensis*). A valuable grass for permanent pastures, very productive and nutritious. Per lb. 25c.

Red or Creeping Fescue (*Festuca Rubra*). Valuable for lawns. Per lb. 35c.

Sheep Fescue (*Festuca Ovina*). An excellent grass for sheep pastures. Per lb. 25c.

English Rye Grass (*Lolium Perenne*). A very nutritious, rapid-growing variety; valuable for meadows and pastures. Per bushel (24 lbs.) \$2.25.

Italian Rye Grass (*Lolium Italicum*). A valuable European variety, adapted to any climate, and produces large and nutritive crops. Per bushel (18 lbs.) \$2.50.

Wood Meadow Grass (*Poa Nemoralis*). A very productive and nutritive grass; adapted for lawns or pastures. Thrives well under trees. Per lb. 40c.

Hungarian Grass (*Panicum Germanicum*). This is a species of millet, growing less rank with smaller stalks, often yielding two or three tons of hay per acre. 1 bushel per acre. Per bushel (48 lbs.) \$2.50.

CLOVERS

Alfalfa or Lucerne. 15 lbs. sow an acre. Per lb. 20c.

Alsike (*Trifolium Hybridum*). Per lb. 20c.

White (*Trifolium Repens*). Per lb. 30c.

Trefoil (*Medicago Lupulina*). Per lb. 20c.

Large Red or Pea Vine. Per lb. 20c.

Medium Red (*Trifolium Pratense*). Per lb. 20c.

Crimson (*Trifolium Incarnatum*). Per lb. 10c.

Mixed Clovers. Per lb. 25c.

MISCELLANEOUS FARM SEEDS

WHEAT

One and one-half bushels will sow one acre broadcast.

Saskatchewan Fife (Spring). Unequaled for earliness, yield and vigor. Per bush. \$2.00.

Early Red Clawson (Winter). Very productive. Per bush. \$2.00.

Hybrid Mediterranean (Winter). One of the best; hardy and prolific. Per bush. \$2.00.

Fultz (Winter). A standard sort; very reliable. Per bush. \$2.00.

RYE

One and one-half bushels will sow one acre broadcast.

Excelsior Winter. A variety from Vermont; heavy crop. Per bush. \$2.00.

Long Island Winter. Hardy and prolific. Per bush. \$2.00.

Spring. Splendid yielder. Per bush. \$2.00.

MAMMOTH RUSSIAN SUNFLOWER

Five quarts will plant one acre.

This gigantic variety of sunflower will produce double the crop of any other variety. It is one of the most profitable crops; the seeds being used for poultry feed, and for this purpose are the best egg producers. The leaves make excellent fodder, being relished by all kinds of stock. Per qt. 15c., bush. (25 lbs.) \$2.00.

DWARF ESSEX RAPE

For Sheep Pasture the Dwarf Essex Rape is invaluable.

It may be sown in May and will be ready for pasturing in July. It may also be sown after a crop of early potatoes, and a good crop secured the same season.

Sow 10 to 12 lbs. per acre broadcast, and 5 to 6 lbs. per acre in drills 15 inches apart.

Price, per lb. 10c., per bush. (50 lbs.) \$4.00.

BUCKWHEAT

One-half bushel will sow one acre.

New Japanese Buckwheat. This variety has proven itself to be a decided acquisition. It is a splendid yielder, being superior in this respect to the Silver Hull. In addition to its great productiveness, it is, at least, from seven to ten days earlier, and makes better flour than any other kind of buckwheat. Per lb. 20c., bush. \$1.50.

Silver Hull. This variety is superior in every respect to the common kind. Per bush. \$1.50.

Common or American. Per bush. \$1.50.

MILLET

One bushel will sow one acre.

Common (*Panicum Miliaceum*). Per bush. \$2.50.

German or Golden (*Panicum Miliaceum Aureum*). Medium early; height, three to five feet; heads closely condensed; spikes very numerous. Per bush. \$2.50.

Hungarian (*Panicum Germanicum*). Early; height two to three feet; abundant foliage and slender head; withstands drought, and yields well on light soils. Per bush. \$2.50.

SUNDY FARM SEEDS

Broom Corn, Evergreen. Per qt. 15c., bush. \$3.00.

Canada Field Peas. White. Per peck, 60c., bush. \$2.00.

Spring Vetches. Per qt. 15c., bush. \$3.50.

SAND, WINTER, OR HAIRY VETCH

(*Vicia Villosa*)

This variety produces good crops on poor sandy soils. Being perfectly hardy, it may be sown either in the spring or fall, mixed with oats or rye for support.

It grows to a height of four or five feet. It is very nutritious, and is relished by all kinds of stock.

Sow one and one-half bushels per acre.

Price, per lb. 15c., bush. (60 lbs.) \$7.50.

GENERAL LIST OF FLOWER SEEDS

The following ABBREVIATIONS are used throughout the FLOWER SEED portion of our Catalogue:

H. A.	Hardy Annuals.	H. P.	Hardy Perennials.	H. H. B.	Half-Hardy Biennials.
H. H. A.	Half-Hardy Annuals.	H. H. P.	Half-Hardy Perennials.	H. C.	Hardy Climber.
T. A.	Tender Annuals.	H. B.	Hardy Biennials.	G. S.	Greenhouse Shrub.

Full Directions for Sowing FLOWER SEEDS printed on each packet.

WE PREPAY POSTAGE ON ALL FLOWER SEEDS IN PACKETS AND OUNCES.

ACROCLINIUM. Beautiful border plants, with pretty everlasting flowers; fine for winter bouquets. H. H. A. 1 ft.

Finest Mixed Colors. Pkt. 5c.

ADONIS Aestivalis (*Flos Adonis*). Showy hardy annual, with deep green feathery foliage and scarlet flowers of long duration. 1 ft. Pkt. 5c.

AGERATUM. Blooms throughout the summer, and if taken out of the ground in fall and potted, flowers all the winter. 1 ft. H. H. A.

Mexicanum. Fine for bedding or pot culture; blue. Pkt. 5c.

Album. A beautiful white variety. Pkt. 5c.

Tom Thumb, Blue. A floriferous variety of robust form; blue. $\frac{1}{2}$ ft. Pkt. 5c.

ALYSSUM. This is a very much admired and pretty little plant, alike valuable for beds, edgings and rock-work. Blooms nearly the whole summer. H. A.

Carpet of Snow. This new variety is very sweetly scented; is of the purest white, attains a height of only 2 to 3 inches, and is an abundant flowerer. For carpet bedding there is no sweeter annual. Pkt. 10c., oz. 50c.

Odoratum (Sweet Alyssum). White flowers, sweet-scented. $\frac{1}{2}$ ft. Pkt. 5c., oz. 25c.

Little Gem. Dwarf and compact, 3 or 4 in. high; each covers a diameter of 15 to 20 inches. Pkt. 5c.

AMARANTHUS. Ornamental foliage plants, producing a striking effect either in the conservatory or flower-garden. H. H. A.

Caudatus (Love-Lies-Bleeding). Dark, drooping spikes. 3 ft. Pkt. 5c.

Cruentus (Prince's Feather). Erect scarlet flowers. 2 ft. Pkt. 5c.

Melancholicus Ruber. Foliage blood-red. 2 ft. Pkt. 5c.

Tricolor (Joseph's Coat). Leaves scarlet, yellow and green. 2 ft. Pkt. 5c., oz. 50c.

AMMOBIUM Alatum Grandiflorum. White everlasting flowers; very useful for bouquets and as a dried flower. $\frac{2}{3}$ ft. Pkt. 5c.

AMPELOPSIS Veitchii (Japanese Woodbine or Boston Ivy). This is the best hardy vine for covering brick or stone buildings, to which it clings firmly; in autumn it turns to rich scarlet. H. P. Pkt. 10c., oz. 50c.

ANAGALLIS Grandiflora (Pimpernelle). Showy, dwarf, hardy annual; suitable for edging beds or rock-work; height 6 in. Finest mixed. Pkt. 5c.

ANCHUSA. Very attractive hardy plants of easy cultivation, with flowers resembling large forget-me-nots; excellent for cut flowers and bouquets.

Barrellieri. Deep blue. 2 ft. H. P. Pkt. 10c.

Capensis. Azure blue. $\frac{1}{2}$ ft. H. A. Pkt. 5c.

ANEMONE Coronaria (Poppy Anemone). These are exceedingly beautiful early spring-flowering plants. Mixed colors. 1 ft. H. P. Pkt. 5c.

ANTIRRHINUM. The antirrhinum is one of our most showy and useful plants for the summer garden, continuing in bloom the whole season. $\frac{1}{2}$ ft.

Tall Varieties, Finest Mixed. Height, 2 ft. Pkt. 5c.

Rose. Pkt. 5c.

Scarlet. Brilliant shade. Pkt. 5c.

White. Beautiful pure white. Pkt. 5c.

Yellow. Delicate primrose-yellow. Pkt. 5c.

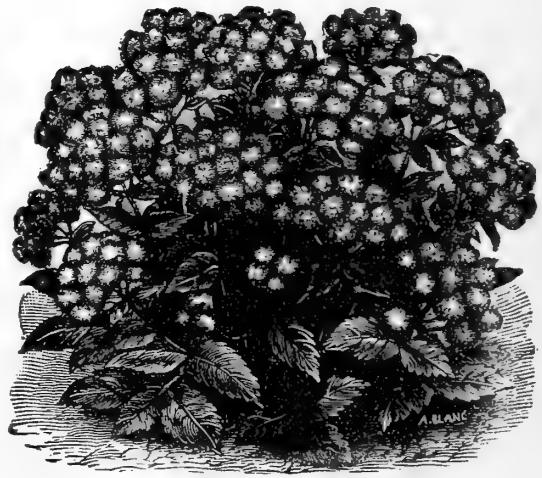
"Queen of the North." A half-dwarf, pure white variety, with very small leaves. Pkt. 10c.

Giant Pure White. Very large pure white spikes of bloom. Pkt. 10c.

Dwarf Varieties, Finest Mixed. The dwarf sorts are excellent for bedding purposes. Pkt. 5c.



Alyssum



Ageratum

AQUILEGIA (Columbine). Elegant, H. P., of easiest cultivation; blooming profusely from May to July. 1½ to 3 ft.

Chrysanth. Beautiful bright yellow. 2 ft. Pkt. 10c.

Chrysanth., fl. pl. Branching flower stems are crowned with a profusion of double golden-yellow flowers. Pkt. 20c.

Cerulea. A most beautiful variety, with large violet-blue and white flowers. 2 ft. Pkt. 10c.

Single Varieties, Finest Mixed. Pkt. 5c.

Double Varieties, Finest Mixed. Pkt. 5c.

ASPARAGUS Plumosus Nanus. Graceful and feathery bright green foliage; extensively grown by florists for cutting purposes, the lace-like leaves being used for bouquets, baskets and other decorations. Pkt. 25c.

Sprengeri. A handsome greenhouse variety of rapid growth, drooping gracefully and naturally from pots or hanging baskets. Very useful for bouquets. Pkt. 25c.



Aster, Queen of the Market

BALLOON VINE. A rapid-growing climber, with small white flowers, which are followed by seed pods formed like balloons. H. H. A.

Cardiospermum Halicacabum. White. Pkt. 5c.

BALSAM. Magnificent, either for conservatory or decoration, outdoor, producing in gorgeous profusion flowers of the most beautiful and varied colors. 2 ft. H. H. P.

Camellia-Flowered, Double. Mixed colors. Pkt. 5c.

Rose-Flowered. Very double choice varieties. Mixed. Pkt. 5c.

Double Mixed Colors. Pkt. 5c., oz. 50c.

BEGONIA. This magnificent strain of double and single begonias which we now offer surpasses all the European introductions. For cut flowers the double has no equal. 1 ft. H. H. P.

Extra Choice, Double. Tuberous-rooted. Pkt. 25c.

Extra Choice, Single. Tuberous-rooted. Pkt. 15c.

Semperflorens. The dwarf varieties of Begonia Semperflorens are now extensively used for carpet and design bedding. Seeds sown in February or March give fine plants for bedding out in June. Pkt. 25c.

Vernon. A fine bedding sort, with rich red flowers and glossy bronzed foliage. ½ ft. Pkt. 25c.

Rex Varieties. Leaves dark green, variegated with red-bronze, red and silver-white; greenhouse perennial. 1 ft. Pkt. 25c.



Asparagus Plumosus Nanus

ASTERS

These are among the prettiest annuals in their season, blooming profusely and producing, in great diversity of color, flowers of the most perfect and beautiful form. H. H. A.

Queen of the Market. The earliest of all; in full bloom two weeks before most other sorts; extremely useful for cutting. Crimson, Dark Blue, Light Blue, Rose, Pure White. Each, pkt. 10c., oz. \$2.00. Choice Mixed, pkt. 10c., oz. \$1.75.

Victoria. In elegance of habit surpasses all other varieties, being that of a beautifully formed pyramid, bearing ten to twenty flowers, which are perfectly double. 1½ ft. Crimson and White, Dazzling Scarlet, Sky Blue, Peach Blossom Pink, White. Each, pkt. 10c. Finest Mixed, pkt. 10c., oz. \$2.50.

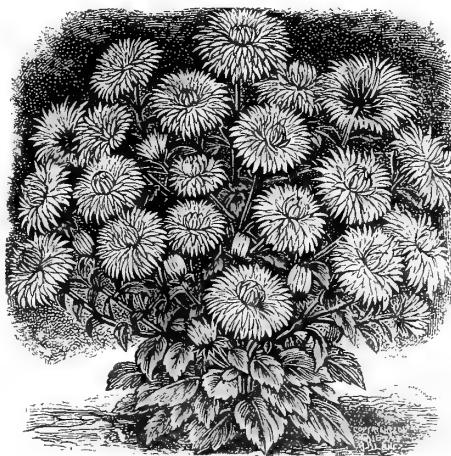
Semple's Giant Branching. A beautiful type of American origin. Tall, branching habit, bearing magnificent large flowers, measuring from 4 to 6 in. across. 3 ft. Crimson, Dark Blue, Light Blue, Pink, Rose, White. Each, pkt. 10c. Finest Mixed. Pkt. 10c., oz. \$2.50.

Giant Comet. This magnificent new tribe of asters comes perfectly true in character; the plants, 12 to 15 in. high, form regular pyramids completely covered with superb, large, double flowers. Sulphur-Yellow, The Bride, White. Each, pkt. 10c. Choice Mixed, pkt. 10c., oz. \$3.00.

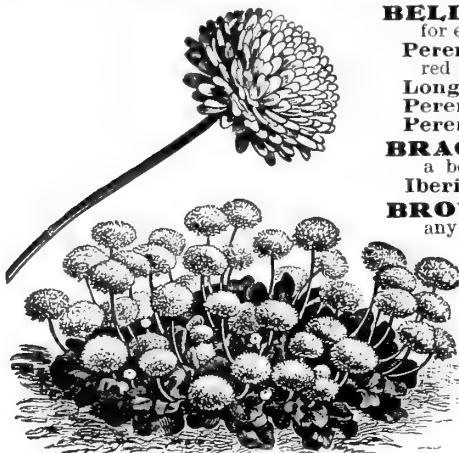
Chrysanthemum-Flowered, Tall. The flowers are large, with long, stout stems. 2 ft. Finest Mixed, pkt. 10c., oz. \$2.00.

Chrysanthemum-Flowered, Dwarf. A splendid variety of compact habit. Finest Mixed, pkt. 10c., oz. \$2.00.

China. Finest Mixed Varieties, pkt. 5c., oz. \$1.00



Aster, Branching



Bellis Perennis

Meteor. Large, double, yellow flowers, striped with orange. Pkt. 5c.

Prince of Orange. Similar to "Meteor," but much darker. Pkt. 5c.

CALLIRHOE Pedata Nana Compacta. Rose. 1 ft. Pkt. 5c.

CALLIOPSIS (or Coreopsis). Annual Varieties. Charming free-flowering hardy annuals, blooming early and continuing till frost. The flowers are showy in the garden and most useful for cutting. 2 ft.

Drummondii (Golden Wave). Yellow, with maroon center; large. Pkt. 5c.

Dwarf Varieties. Finest mixed. 1 ft. Pkt. 5c.

Finest Mixed. Brilliant colors. Pkt. 5c., oz. 50c.

Perennial Varieties. These frequently bloom the first year from seed sown in spring; it is more satisfactory, however, to sow in July or August, protecting the plants with coarse straw or pine boughs during winter. They will flower profusely the following summer. 2 ft.

Grandiflora. Bright golden yellow. Pkt. 10c.

Harvest Moon One of the finest hardy garden plants grown, forming large clumps 2 to 3 ft. high, producing long-stemmed, immense rich orange-yellow flowers in profusion; unequalled for cutting, and flowers the first season from seed sown early. Pkt. 10c.

CAMPANULA. Well-known handsome hardy biennials, bearing large bell and saucer-shaped flowers in profusion; well adapted for borders. H. B.

Carpathica alba. Pure white. 1 ft. Pkt. 5c.

Grandiflora. Deep purple. 2 ft. Pkt. 5c.

Loreii. A pretty hardy annual, with purple-lilac flowers. 1 ft. Pkt. 5c.

CANTERBURY BELLS. Medium. As single specimens these are unrivaled border plants, and also very effective when grown in large pots. H. B. 2 ft.

Medium (Canterbury Bells). Blue. Pkt. 5c.

Finest Double Mixed. Pkt. 5c.

Finest Single Mixed. Pkt. 5c.

Calycanthema (Cup and Saucer).

The flowers are large, of a beautiful shade, resembling somewhat a cup and saucer.

Mixed. All colors. Pkt. 5c.

CANDYTUFT. Very pretty, profuse blooming plants, adapted for ribbons and flower beds. Cultivated in pots, they form neat and pretty plants for the conservatory during the winter. H. A. 1 ft.

Giant Hyacinth-Flowered White. Fine, large spikes; pure white. Pkt. 10c.

White Rocket. White, large trusses. Pkt. 5c., oz. 30c.

Splendid Mixed. All colors. Pkt. 5c., oz. 25c.

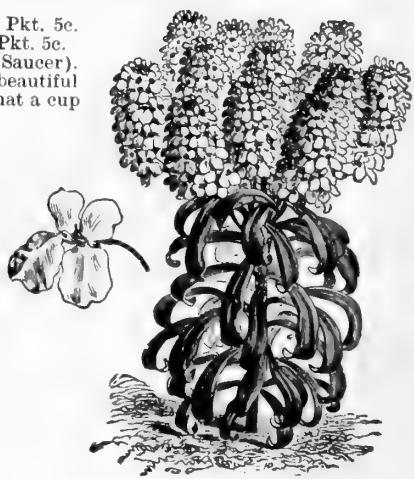
Perennial (Iberis Sempervirens). Pure white. Pkt. 10c.



Campanula, Medium Canterbury Bells



Calendula



Candytuft



Carnation Marguerite

Choice Mixed. Saved from one of the finest collections. Pkt. 25c.
Fine Mixed. Splendid colors, for the border. Pkt. 10c.

COCKSCOMB (Celosia) Cristata. From selected cockscombs; velvety crimson, 1 ft. Pkt. 5c.

Golden Beauty. Golden-yellow combs, 1 ft. Pkt. 15c.

Empress. This cockscomb produces combs of colossal proportions. The color is bright crimson, with a rich velvet-like appearance, double and well formed. Pkt. 10c.

Glasgow Prize. Very dwarf; immense crimson combs. 1 ft. Pkt. 10c.

Queen of Dwarfs. The finest cockscomb of all. It grows but 6 in. high, with beautiful dark rose-colored combs. For bordering or massing it cannot be surpassed. Pkt. 10c.

Fine Dwarf Mixed. Various colors. Pkt. 5c.

Cockscomb, Feathered. Very attractive and showy plants, producing magnificent spikes of beautiful, feathery-looking flowers. They succeed well in the garden, if planted out in June. H. H. A.

Pyramidalis Aurea. Golden-yellow plumes, very handsome. 3 ft. Pkt. 10c.

Scarlet. Bright and graceful. 3 ft. Pkt. 10c.

Japonica. Pyramidal plant, composed of crimson branches, each bearing a comb of the same color and finely ruffled. Pkt. 5c.

CATCHFLY (Silene Armeria). A showy, free-flowering hardy annual, rendered interesting by a gummy secretion on the leaves, which entraps small flies.

Mixed. Red, white and flesh colors. 1½ ft. Pkt. 5c.

CEDRONELLA Cana. Fragrant, purple, salvia-like flowers. H. P. 2 ft. Pkt. 5c.

CENTAUREA (Dusty Miller). Beautiful silvery-foliaged bedding plants, extensively used for bordering. H. H. P.

Americana. Large and showy for borders or backgrounds; purplish red. 3 ft. Pkt. 5c.

CHRYSANTHEMUM. The following varieties, when well grown, are among the most beautiful and showy of summer blooming plants. Very attractive. H. A. 1½ ft.

Eclipse. Golden yellow, scarlet ring, center rich brown. Pkt. 5c.

Gladstone. Brilliant rich crimson. Pkt. 5c.

Lord Beaconsfield. Crimson-maroon edged and striped gold, brown eye. Pkt. 5c.

Venustum. Crimson center, white band; handsome. Pkt. 5c.

Fine Mixed Varieties. Including new hybrids. Pkt. 5c., oz. 50c.

Double Annual Varieties—

Coronarium, Double Yellow. Handsome border plant, 2 ft. Pkt. 5c.

Double White. Very showy. 2 ft. Pkt. 5c.

Inodorum Plenissimum. Small double white flowers. Fine for cutting. Pkt. 10c.

Fine Mixed Varieties. Including new sorts. Pkt. 5c.



Canna, Dwarf



Cockscomb, Dwarf



Clarkia



Scandens. Blue. Pkt. 10c., oz. 75c.
Macrostemma. Violet. Pkt. 10c.

CONVOLVULUS, or Morning Glory. Beautiful free-flowering and remarkably showy plants, with exceedingly handsome, rich-colored flowers, producing in beds and mixed borders an unusually brilliant effect. H. A.

Dwarf Bedding Varieties—

- Crimson Violet.** Crimson-violet, white throat. Pkt. 5c.
- Roseus.** Rose, with white throat, fringed purple. Pkt. 5c.
- Tricolor Minor.** Violet-purple, white center. H. A. Pkt. 5c.

Fine Mixed Varieties. Pkt. 5c., oz. 25c.

Climbing Varieties. Finest mixed colors. Pkt. 5c., oz. 15c.

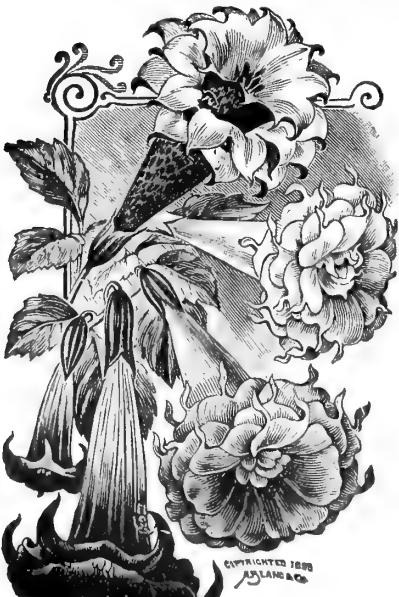
Imperial Japanese. These vines attain a height of from 30 to 50 ft. The colors range through reds, blues, indigo and blackish purple; from snow-white to cream and silver-gray. Some are striped, starred and spotted.

Choice Mixed Colors. Pkt. 10c.

COSMOS. A charming autumn-flowering plant, with flowers borne profusely in loose clusters of variegated colors.

Mammoth Perfection. The flowers are double the size of the old variety. For cutting and vases this is one of the finest flowers grown. Bright Pink, Conchita or Crimson, Purple, Pure White, Velvet. Each, pkt. 10c. Choice Mixed, pkt. 10c.

Dwarf Early-Flowering. Seed sown in the open ground in the early part of May will produce blooming plants in August, and they will continue to flower until killed by frost in fall. Pkt. 10c.



Datura

CLARKIA. This beautiful and attractive annual has been much improved since its introduction, the flowers being twice the original size. This, combined with brilliant colors, profusion of bloom and fine habit, makes it a garden favorite. H. A. 1½ ft.

Fine Mixed. Double and single varieties. Pkt. 5c.

CLEMATIS. Very rapid growers and free bloomers, adapted for arbors, fences, etc. H. P. 10 ft.

Cirrhosa. An elegant climber, producing a great profusion of sweet-scented white flowers. Pkt. 10c.

Flammula. A beautiful white, fragrant variety. Pkt. 5c.

Jackmanni Varieties. Mixed shades. Flowers 3 to 4 in. across. Pkt. 10c.

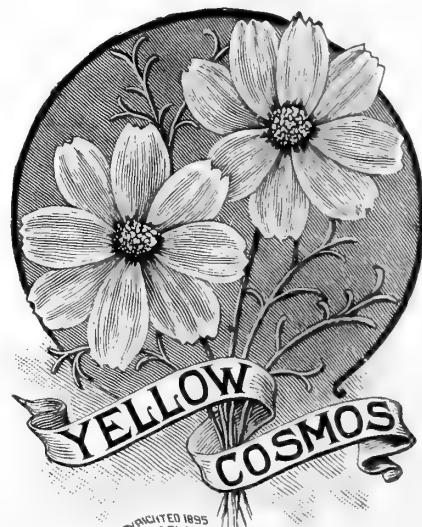
CLANTHUS. One of the most beautiful plants in cultivation, about 3 ft. in height, with rich scarlet, long-petaled, pea-shaped flowers, marked with a large black, cloud-like blotch in front. G. S.

Dampieri (Australian Glory Pea). Scarlet and black flowers. Pkt. 10c.
Punicans (New Zealand Parrot's Bill). Scarlet and white flowers. Pkt. 10c.

COBÆA. Handsome half-hardy perennial climber, with purple-lilac bell-shaped flowers. Valuable for the conservatory; may be planted out-of-doors in June.

Scandens. Blue. Pkt. 10c., oz. 75c.

Macrostemma. Violet. Pkt. 10c.



SUPPLIED BY ABLANC

Cosmos, Yellow

CORYDALIS Nobilis. Yellow. H. P. ¾ ft. Pkt. 10c.

COWSLIP. A favorite free-flowering plant; should be extensively grown for beds and borders of the spring flower-garden. H. P.

Finest Mixed Colors. ¾ ft. Pkt. 5c.

CYANUS (Corn Flower, Bachelor's Button). Fine, free-flowering, hardy annuals; easily grown and excellent for cutting. 2 ft. H. A.

Imperialis (Giant Corn Flower). The flowers are of enormous size, fragrant, and of the most charming colors, including white, pink, lilac, rose and purple. Pkt. 10c.

Blue. Pkt. 5c.

Emperor William. Deep blue. Pkt. 5c., oz. 30c.

White. Pkt. 5c.

Finest Mixed, all colors. Pkt. 5c., oz. 25c.

Flore Pleno. For garden decoration and cutting, these pretty double corn flowers will be found very useful. Mixed colors. Pkt. 10c.

CYPRESS VINE (*Ipomoea Quamoclit*). Very graceful and beautiful twining annuals, with feathery dark green foliage and star-like flowers. 20 ft.

Crimson. Very brilliant. Pkt. 5c.

White. Beautiful and graceful. Pkt. 5c.

Finest Mixed Colors. Pkt. 5c., oz. 30c.

DATURA, Or Trumpet Flower. Half-hardy annuals of rapid growth, with large trumpet-shaped fragrant flowers; very showy. 3 ft.

Golden Queen. Double, bright yellow and very showy. Pkt. 10c.

Finest Mixed. Shades of lilac, purple, yellow and white. Pkt. 5c.

DELPHINIUM (Perennial Larkspur). Magnificent border plants with gorgeous spikes of bloom, varying in shade from delicate white to the richest blue. If the seed is sown early they will flower the first season. H. P.

Elatum (Bee Larkspur). Blue. 5 ft. Pkt. 5c.

Formosum. Rich dark blue, white center. 2 ft. Pkt. 5c.

Zalil (Hardy Yellow Larkspur). Pure sulphur-yellow, of branching habit. 4 ft. Pkt. 10c.

Finest Mixed Colors. 2 ft. Pkt. 5c.

DIANTHUS, or Pinks

A beautiful genus, which embraces the most brilliant and rich variety of colors. They have a delicate perfume, which makes them valuable for cutting. H.A. 1 ft.

SINGLE ANNUAL VARIETIES—

Chinensis (China or Indian Pink). Brilliant colors, mixed. $\frac{1}{2}$ ft Pkt. 5c.

Laciniatus. A splendid fringed variety; flowers of magnificent colors. Pkt. 5c.

Little Gem. Plants only 6 in. high, which are almost covered with red and rose margined white flowers. Pkt. 10c.

The Bride. Large flowers, marked with velvety dark violet, surrounded with snowy white. Pkt. 10c.

Finest Mixed, Single. Superb colors. Pkt. 5c., oz. 40c.

DOUBLE ANNUAL VARIETIES.—

Chinensis Alba, fl. pl. Double white. Pkt. 5c.

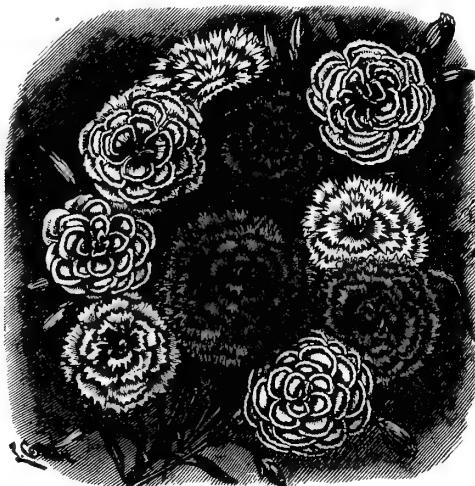
Chinensis, Double Crimson. Bright color. Pkt. 5c.

Diadematus, fl. pl. One of the finest varieties. The flowers are large and double, comprising beautiful and striking colors. Pkt. 5c.

Fireball (Sinensis fl. pl.). This brilliant double Chinese Pink is densely double and of a glowing, velvety red color; fine for cutting. Pkt. 10c.

Hedgewigii, fl. pl. (Double Japan Pink). Mixed colors. Pkt. 5c.

Hedgewigii Nobilis (Royal Pinks). Selected and improved varieties of the popular single Japan Pink, producing flowers nearly 4 in. across, of quite a new shape. The petals are somewhat undulated and twisted, each one covering half of the other, and beautifully fringed. The colors vary from white to dark red. Pkt. 10c.



Dianthus Plumosus

HARDY DOUBLE PERENNIAL VARIETIES—

The Garden Pink is highly admired for its beautifully laced and delightfully fragrant flowers, and is esteemed above all others for decoration and bouquets. It is of easy culture and accommodating habit, growing freely and flowering profusely, either in the greenhouse or open borders. H. P.

Florists' or Paisley Pink. Saved from the finest double flowers. 1 ft. Pkt. 10c.

Gardnerianus, fl. pl. A beautifully fringed variety, with fragrant double flowers: various colors. $1\frac{1}{2}$ ft. Pkt. 5c.

Finest Mixed, Double. Splendid colors. Pkt. 5c.

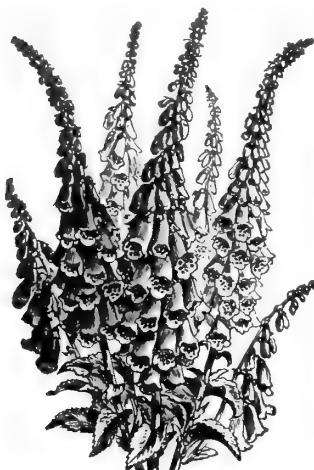
Finest Mixed, Single. Various colors. Pkt. 5c.



Delphinium



Dianthus, or Double China Pinks



Digitalis Gloxinoides

Grandiflora. Hardy perennials, producing large, strikingly beautiful flowers. 3 ft. Pkt. 15c.

New Hybrids, Finest Mixed. Pkt. 10c.

GILIA. These well-known and much-admired dwarf plants are highly prized for their earliness, and are very effective in masses and rock-work. H. A.

Mixed. White, lilac and purple. $\frac{3}{4}$ ft. Pkt. 5c.

GLOBE Amaranth. Very showy annuals, with extremely pretty everlasting flowers, which are usually cut and preserved for winter bouquets. 2 ft. H. A.

Orange. Pkt. 5c.

Red. Pkt. 5c.

Finest Mixed Colors. Very attractive in masses. Pkt. 5c., oz. 50c.



Gaillardia Aristata Grandiflora

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A. BLANC.

DIGITALIS (Foxglove). Handsome plants of stately growth, specially adapted for shrubberies. H. P. 3 ft.

Gloxinioides. Beautifully spotted, large gloxinia-shaped flowers. Pkt. 5c.

Finest Mixed Colors. Splendid for mixed borders. Pkt. 5c.

DOLICHOS lablab (Hyacinth Bean). A very ornamental and rapid-growing climber, with dense foliage and handsome purple and white flowers. T. A.

Purple, White, Mixed. Very handsome. Each, pkt. 5c.

ESCHSCHOLTZIA (California Poppy). Remarkable alike for their profusion of bloom and beautiful bright colors. H. A. 1 ft.

Alba. Creamy white. Pkt. 5c.

Giant Californian. These have been produced by careful selection and culture for several years, and the mixture contains several beautiful colors. Pkt. 10c.

Californica. Bright yellow, rich orange center. Pkt. 5c.

Double Mixed. Pkt. 5c.

GAILLARDIA. This is one of the most valuable annuals lately introduced. For general decorative purposes as well as for bouquets it is invaluable, its gay colored double flowers being abundantly produced without intermission, from July until frost sets in.

Picta Lorenziana (or Double-Flowering). Finest mixed. Pkt. 5c.

Hardy Perennial. These are among our finest plants for permanent garden and border decoration, forming large clumps about 2 feet high by 2 feet through. The flowers, 3 to 4 inches across, are gracefully poised on long stems and are gorgeously colored, usually crimson or scarlet, bordered with orange, canary or some shade of yellow. As a cut flower for vases they are of unsurpassed beauty.



Eschscholtzia Californica

GODETIA. Of all garden annuals few are as beautiful as Godetias, being exceedingly showy when grown in beds and masses; these new varieties are very compact and bushy in habit, forming oval plants about one foot high, completely enveloped with large, gorgeously colored flowers, from 2 to 3 inches across.

Apple Blossom. Silvery white, spotted crimson and pink. Pkt. 5c.

Duchess of Albany. A beautiful glossy satin-white color. Pkt. 5c.

The Bride. White, with crimson center. Pkt. 5c.

Finest Mixed Colors. Pkt. 5c.

GOURDS, Ornamental (Mock Orange). A highly interesting genus, of rapid growth, with luxuriant and ornamental foliage, and bearing fruit of the most varied and fantastic forms; very desirable for trellis work. T. A.

Chinese Loofa (Sponge, or Dish Rag). Large yellow flowers, followed by long green fruits, which form inside a tough fibrous mass, which is used for bathing, being superior to a sponge. Pkt. 5c.

Egg-Shaped. A Japanese gourd, with small white fruit resembling an egg. Pkt. 5c.

Hercules Club. Pkt. 5c.

White Nest Egg. Pkt. 5c.

Finest Mixed Varieties. Pkt. 5c.



Helianthus

HUMULUS JAPONICUS.

(Japanese Hop). Splendid annual climber of fast growth and very ornamental. 12 ft. Pkt. 10c.

Japonicus Follis Variegatis.

A variegated form of the preceding; leaves rich green, blotched and marbled with creamy white. 10 ft. Pkt. 15c.

ICE PLANT (*Mesembryanthemum Crystallinum*). A pretty little trailing plant of dwarf habit, suitable for rock-work and flower borders. The leaves are covered with crystal-like icy globules, extensively employed in garnishing. H. H. A. Pkt. 5c.

IPOMOEA. Quick-growing summer climbers. For covering arbors, walls, trellises, etc., they are unsurpassed. H. A.

Coccinea (Star Ipomoea). Small scarlet flowers, blooming in dense profusion. 8 ft. Pkt. 5c.

Noctiflora (Moonflower). One of the most beautiful and rapid-growing climbers now cultivated. At night and during dull days the plant is covered with large, pure white fragrant flowers, 5 to 6 in. in diameter. H. A. 20 ft. Pkt. 10c. Finest Mixed. Pkt. 5c.

Jacoea Senecio. For large beds and mixed borders the Jacobea is very effective. H. A. 1 ft. Finest Mixed colors. Pkt. 5c.



Hollyhock, Double

HELIANTHUS (Sunflower). The following varieties are remarkable for their majestic growth and the fine bold outline, admirably adapted for shrubberies; very effective. H. A.

Single Varieties—

Macrophyllus Giganteus. A tall variety with large yellow flowers. 10 ft. Pkt. 5c.

Miniature Sunflower. Of dwarf branching habit, bearing many small flowers. Orange with black center. 3 ft. Pkt. 5c.

Oscar Wilde. Orange and black, 6 in. across. 9 ft. Pkt. 5c.

Russian Mammoth. Immense flowers, very showy. 6 ft. Pkt. 5c.

Double Varieties—

Californicus. Magnificent large double orange flowers, 6 to 8 inches in diameter, densely double, showing no center. 5 ft. to 6 ft. high. Pkt. 5c.

Globe of Gold. A new dwarf double-branching sunflower, bearing flowers of a deep yellow color like globes of gold. 3 ft. Pkt. 10c.

Globosus Fistulosus. Flowers 1 ft. in diameter, of bright rich saffron color. 5 ft. Pkt. 5c.

HELICHRYSUM (Everlasting flower). Exceedingly pretty and effective border plants, the dried flowers of which are highly prized for winter bouquets. H. A.

Fireball. Large, dark red, double flowers. Pkt. 5c.

Double Mixed Varieties. Comprising all colors. Pkt. 5c.

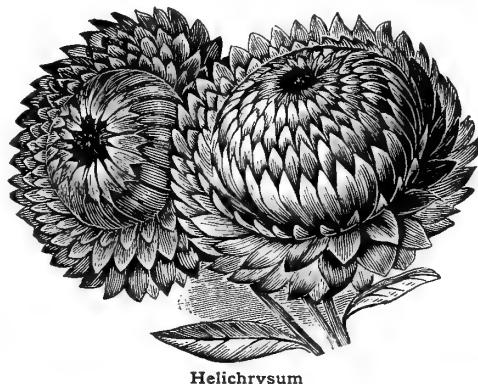
HELIOTROPE. Deliciously fragrant plants, equally prized in the conservatory and flower garden. Plants raised from seed bloom the first season. H. H. P. 1½ ft. Finest Mixed Varieties. Pkt. 10c.

HOLLYHOCK. For distant effect in large groups they are matchless; they also form a showy and effective outline in flower gardens and borders. The seed offered has been saved from exhibition flowers and cannot fail to produce superb varieties. H. P. 6 ft.

Chater's Double. Canary-Yellow, Crimson, Maroon, Pink, White (the best white variety grown). Each, pkt. 10c.

Double Fine Mixed. From good flowers. Pkt. 5c.

HYPERICUM ELEGANS (St. John's Wort). For planting under trees; flowers yellow, very showy. H. P. 1 ft. Pkt. 5c.



Helichrysum



Heliotrope

Jacob's Ladder. Hardy perennials, with deeply cut foliage and clusters of handsome flowers; thriving in any good soil. 2 ft. Pkt. 5c.

LANTANA. A splendid bedding plant, also beautiful in pots. No plant presents a greater variety of colors and changing hues. H. H. P. 1 ft.

Hybrida. Finest mixed varieties. Pkt. 10c.

LINUM. One of the handsomest annuals ever introduced; for brilliancy of color and duration of bloom it is unsurpassed. H. A. 1 ft.

Grandiflorum Coccineum. Brilliant scarlet. Pkt. 5c.

Flavum. Beautiful golden yellow. Pkt. 5c.

LARKSPUR. Elegant and ornamental plants, producing in great variety of form and colors some of the most beautiful flowers in cultivation. H. A. 1 ft.

Double Dwarf Rocket. Azure blue. Pkt. 5c.

Apple Blossom Pink. Pkt. 5c.

Finest Mixed Colors. Pkt. 5c.

Double Giant Scarlet Californian. The flowers are a brilliant scarlet, the petals distinctly yellow. 3 ft. Pkt. 10c.

Carmine. Brilliant, fiery carmine. 2 ft. Pkt. 10c.

Rosy Scarlet. Bright, rosy scarlet; very double flowers. Pkt. 10c.

Tall Rocket. Finest double mixed. 2½ ft. Pkt. 5c.

Tricolor Elegans. Very handsome spikes of rose, white and blue. 2½ ft. Pkt. 5c.

LOBELIA. An invaluable class of plants for bedding, edging or ribbon gardening. Our fine strain of *L. speciosa* is now well known and highly prized by our numerous customers. The plants have been carefully selected and grown from cuttings, and are dwarf and compact in habit, very profuse and continuous in flowering, and of a beautiful rich dark blue color. *L. gracilis* should be particularly noted for its value in hanging baskets, or as a finish to flower vases; in both cases the effect produced by its long drooping growth and great profusion of flowers is beautiful in the extreme. It is best grown as an annual, being of rapid growth. H. H. A. ½ ft.

LYCHNIS. Profuse-blooming hardy perennials, remarkable for the brilliancy of their flowers; excellent for mixed borders and for cutting.



Marigold

Crystal Palace Compacta. Intense blue. Pkt. 10c.

Emperor William (Blue King). Sky blue; compact. Pkt. 5c.

Gracilis. Pale blue, spreading habit; very effective in pots. Pkt. 5c.

Speciosa. Deep blue; fine for bedding. Pkt. 5c.

Finest Mixed Varieties. Pkt. 5c.

Cardinalis Hybrida (Cardinal Flower). Splendid perennials of various shades of scarlet and crimson. 2 ft. Pkt. 10c.



Lobelia Erinus

Alba. White, 2 ft. Pkt. 5c.

Chalcedonica. Brilliant border plants, scarlet. 2 ft. Pkt. 5c.

Mixed. 2 ft. Pkt. 5c.

LUPINUS. A splendid genus of handsome and ornamental garden plants with long, graceful flower spikes of rich and varied colors.

Annual Varieties. Mixed colors. Pkt. 5c.

Perennial Varieties. Mixed colors. Pkt. 5c.

MARIGOLD. In late summer, when bedding and other plants are past their prime, marigolds produce a wealth of color that is simply invaluable. Although the plants are not quite hardy, they can be easily raised without glass by deferring the sowing until spring frosts have ceased to be dangerous. The African varieties produce large self-colored blossoms on tall plants; the French are smaller, some of the varieties being elegantly striped and spotted. H. H. A. 1 ft.

Double African Mixed. 2 ft. Pkt. 5c., oz. 50c.

Double French Mixed. Pkt. 5c., oz. 50c.

El Dorado. The colors run through all shades of yellow, from very light primrose to the deepest orange. Very double. Pkt. 10c.

French Dwarf Gold-Striped. Large flowers, regularly striped with chestnut-brown on a bright yellow ground. This is one of the best for bedding. Pkt. 5c.

Nana Faviflora Brunea. Orange and ruby maroon. 1 ft. Pkt. 10c.

MARVEL OF PERU (Four O'clocks). Handsome border plants, remarkable for their compact growth, rich glossy leaves, profusion of bloom, and diversity of color in flower and foliage. 2 ft. H. A.

Finest Mixed.

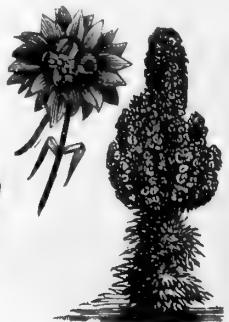
Brilliant colors. Pkt. 5c., oz. 20c.

Erinus. A very profuse-blooming variety with deep blue flowers. Pkt. 5c.

Duplex. Double blue, distinct. Pkt. 10c.



Four O'Clock
Marvel of Peru



Larkspur

MATRICARIA (Feverfew). Half-hardy perennials, blooming the first year from seed, with large heads of showy flowers; splendid for cutting.

Grandiflora fl. pl. Large, double pure white flowers. 1 $\frac{1}{4}$ ft. Pkt. 5c.

MIGNONETTE. The mignonette is universally esteemed for its delicate perfume and singularly pretty spikes of bloom. If well thinned out at an early stage, the growth of flower and foliage will be greatly facilitated. H. A.

Allen's Defiance. This mignonette, when grown under favorable conditions, produces spikes from 12 to 15 in. long; the individual florets are of remarkable size. Pkt. 10c., oz. 75c.

Golden Queen. A distinct variety of mignonette, with spikes of golden-yellow blossoms. Pkt. 5c.

Large-Flowered Pyramidal. A distinct and improved variety, of robust, pyramidal growth and large flowers. Pkt. 5c., oz. 25c.

Machet. Dwarf and vigorous plants of pyramidal growth and thick green leaves with long and broad spikes of deliciously scented red flowers. Pkt. 10c., oz. 75c.

Miles' Hybrid Spiral. Dwarf and branching, with spikes often attaining a length of from 8 to 10 in. Pkt. 5c., oz. 25c.

Parsons' White. A distinct variety, nearly white and very fragrant. Pkt. 5c.

Large-Flowering Sweet-Scented. 1 $\frac{1}{2}$ ft. Pkt. 5c., oz. 15c.

MIMULUS (Monkey Flower). Handsome, profuse-blooming plants, with flowers of singular form and brilliant colors, rich and beautifully marked. H. H. P.

Cardinalis. Scarlet; very striking. 1 ft. Pkt. 10c.

Duplex Mixed. Flowers are borne in pairs. Pkt. 15c.

Moschatus (Musk Plant). Valuable for pots and window boxes. 1 $\frac{1}{2}$ ft. Pkt. 5c.

Finest Mixed Varieties. Pkt. 5c.

Mina Lobata. Handsome, half-hardy climbing annual of rapid growth; bearing twin-like racemes of flowers which in the bud are orange-red, but open orange-yellow and soon turn to creamy white. 20 ft. Pkt. 10c.

MOMORDICA. Trailing plants, with curious and ornamental foliage and remarkable fruit. H. H. A.

Balsamina (Balsam Apple). Orange fruit. 10 ft. Pkt. 5c.

Charantia (Balsam Pear). Copper-colored scarlet fruit. 10 ft. Pkt. 5c.

MYOSOTIS (Forget-Me-Not). These beautiful little plants are too well known to need recommendation. H. P.

Alpestris Alba. White, a very attractive variety. 1 $\frac{1}{2}$ ft. Pkt. 5c.

Alpestris, Blue. 1 ft. Pkt. 5c.

Azorica. Blue, shaded purple, a very robust variety. 1 ft. Pkt. 10c.

Cœlestina. Sky-blue, very floriferous. 1 ft. Pkt. 10c.

Dissitiflora. Large, sky-blue flowers; very early. 6 to 12 in. Pkt. 10c.

Palustris. Blue, adapted for moist situations. 1 $\frac{1}{2}$ ft. Pkt. 5c.



Mignonette



Myosotis

Semperflorens. Perpetual-flowering. Flowers from early spring to autumn. 6 in. Pkt. 10c.

Victoria. Azure blue, remaining in bloom a long time. 6 in. Pkt. 10c.

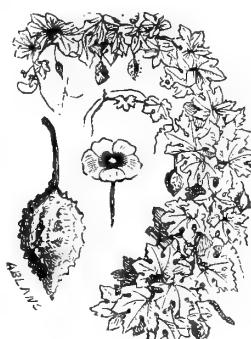
Finest Mixed Varieties. Pkt. 5c.

NICOTIANA Affinis. Splendid annual, producing clusters of long white tube-shaped flowers, fragrant toward evening. 3 ft. Pkt. 5c.

Colossea. Magnificent foliage plant, the young leaves at first tinted with red. It soon attains a height of 5 or 6 ft., with leaves often 2 ft. in length and a foot in width. Excellent for foliage beds. Pkt. 10c.

NIGELLA (Love-in-a-Mist). Beautiful border plants, with prettily cut foliage and curiously formed flowers. H. A.

Finest Mixed, Double. Various colors. 1 $\frac{1}{4}$ ft. Pkt. 5c.



Momordica Balsamina



Nasturtium, Tall

Yellow, Spotted Crimson. Pkt. 5c., oz. 15c.
Finest Mixed. Pkt. 5c., oz. 15c.

Lobb's Nasturtium (*Tropaeolum Lobbianum*). They are excellent for window boxes, vases, hanging baskets and rockeries. 8 ft.

Finest Mixed. All colors of Lobbianum. Pkt. 5c., oz. 20c.

Madam Gunther's Hybrids. Shades of rose, salmon, brightest red, pale yellow, either as self-colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors.

Chameleon. The flowers are of different colors on the same plant, and are variously blotched, splashed, striped and bordered with these several colors. Pkt. 5c.

Pearl. White. Pkt. 5c., oz. 15c.

Scarlet and Gold. Pkt. 5c., oz. 15c.

Choice Mixed Colors. Pkt. 5c., oz. 25c.

NEMOPHILA. A genus of exceedingly beautiful dwarf-growing plants. Their height and habit of growing being so uniform and the colors so varied and striking, they never fail to produce a pleasing effect. H. A.

Maculata. White, violet blotches. Very pretty. Pkt. 5c.

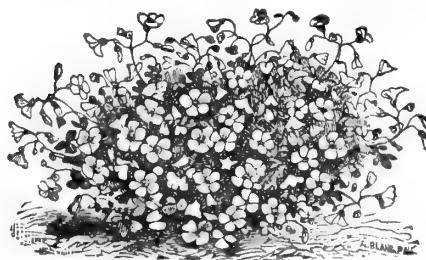
Fine Mixed. All colors. Pkt. 5c., oz. 25c.

OXALIS. A splendid class of plants, with brilliantly colored flowers and dark foliage; suitable either for greenhouse decoration, rock-work or rustic baskets out-of-doors. H. H. P.

Rosca. Delicate rose, forming a pretty plant when in bloom. $\frac{1}{2}$ ft. Pkt. 10c.

Tropacoloides. Deep yellow, with fine, compact, brown foliage. $\frac{3}{4}$ ft. Pkt. 10c.

Valdiviana. Fragrant yellow. Pkt. 10c.



Oxalis

NASTURTIUMS TOM THUMB, OR DWARF

When planted in beds or masses, the brilliant effect of these splendid flowers is scarcely surpassed by any of our finest bedding plants. H. A.

Brilliant Scarlet. Very effective in beds. 1 ft. Pkt. 5c., oz. 15c.

Beauty. Yellow, flushed vermillion. 1 ft. Pkt. 5c., oz. 15c.

Crystal Palace Gem. Sulphur color, maroon spots. 1 ft. Pkt. 5c., oz. 20c.

Empress of India. Brilliant crimson; dwarf, compact habit, with dark tinted foliage. Pkt. 5c., oz. 25c.

King of Tom Thumb. Intense scarlet. 1 ft. Pkt. 5c., oz. 20c.

Lady Bird. Orange-yellow, red spots. Pkt. 5c., oz. 25c.

Rose. Fine shade. Pkt. 5c., oz. 20c.

Finest Mixed Tom Thumb Varieties. Pkt. 5c., oz. 15c.



Nasturtium, Dwarf

TALL OR CLIMBING.

A well-known ornamental, profuse flowering plant, adapted for rock-work, banks, covering trellises or rustic work; the seeds, if pickled young, are an excellent substitute for capers. H. A. 10 ft.

Crimson. Bright and showy. Pkt. 5c., oz. 15c.

Orange. Very effective. Pkt. 5c., oz. 15c.

Purple, Scarlet. Pkt. 5c., oz. 15c.

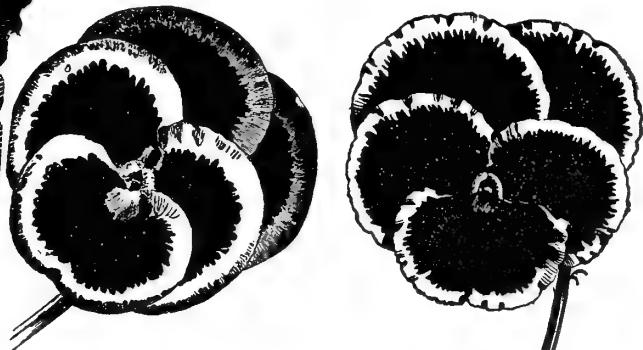


Nemophila Maculata

SELECTED PANSIES



Types of Pansies



Butterfly Pansy

Belgian Pansy

No flowers are more popular than pansies. They are seen everywhere—under all conditions and different cultivation. No matter how careful and attentive the grower may be, his time is wasted if working with an indifferent stock. We claim—and our customers indorse us—that we have the *finest* selections and strains extant. We have spared no pains to procure these, and to those who have not grown our pansy seed we ask only one trial to be convinced that the flowers derived from our stock are the *best obtainable*.

AMERICAN SHOW. No strain of this favorite flower ever enjoyed so much popularity or gave such general satisfaction as this has done. It embraces all the most striking and beautiful colors.
Choice Mixed. Pkt. 25c.

BEACONSFIELD. Violet, shading to lavender and white. Pkt. 10c.

EMPEROR WILLIAM. Dark blue, very fine. Pkt. 10c.

FAUST, or King of the Blacks. Intensely black; very effective in groups. Pkt. 10c.

FIRE DRAGON. Fiery orange and bronze, purple eye. Pkt. 10c.

MAHOGANY COLOR. Peculiar shade. Pkt. 10c.

REX. Deep purple; very effective. Pkt. 10c.

WHITE. Suitable for cemetery planting. Pkt. 5c.

YELLOW. Golden; fine for bedding. Pkt. 5c.

Finest Mixed Varieties. Pkt. 5c., oz. \$1.00.

TRIMARDEAU. A distinct and beautiful race; the flowers stand well above the foliage and are generally marked with three large blotches or spots.

Black. Pkt. 10c.

Lavender and Violet. Pkt. 10c.

Pink. Pkt. 10c.

Purple. Pkt. 10c.

Ruby-Red. Beautiful red. Pkt. 10c.

Snow-White. Pkt. 10c.

Striped, White, Purple, Garnet. Pkt. 10c.

Yellow, margined blue. Pkt. 10c.

Finest Mixed. Pkt. 10c., oz. \$3.00.

MASTERPIECE. New Giant Ruffled. A new German strain, differing from ordinary pansies in nearly all the plants; producing beautifully ruffled flowers of large size and very fascinating colors. Pkt. 20c.

BELGIAN. New Fancy. Mixed colors. Pkt. 15c.

BUTTERFLY. Mammoth. Mixed colors, beautiful varieties. Pkt. 15c., $\frac{1}{8}$ oz. \$1.00.

ENGLISH. Finest mixed. Comprising many beautiful and handsome colors. Pkt. 15c.

FRENCH. Finest blotted colors. Pkt. 10c.

GERMAN. Finest mixed; selfs and variegated. Pkt. 10c.

ODIER, or Five-Spotted. Blotched petals, colors innumerable and beautiful. Pkt. 20c.



Sweet Peas

Countess of Cadogan. Sky-blue. Pkt. 5c.**Navy Blue.** Dark indigo-blue and violet, the best blue. Pkt. 5c.**STRIPED.****America.** Bright cardinal and white striped. Pkt. 5c.**Aurora.** Salmon and white striped, large flower. Pkt. 5c.**Columbia.** Striped red and blue on white. Pkt. 5c.**Named Varieties** (as above). Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 30c., $\frac{1}{2}$ lb. 50c., lb. \$1.00.**Eckford's Mixed.** From named varieties. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., lb. 75c.**Finest Mixed.** All colors. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., $\frac{1}{2}$ lb. 30c., lb. 50c.**SWEET PEAS****EXTRA SELECTED VARIETIES**

A deep, rich, moist soil is best suited to Sweet Peas. They are usually grown in rows, with a wire trellis, or a row of brush for support. For each row dig a small trench about 5 inches deep. Sow plentifully, covering about 2 inches deep, and by degrees, as the vines grow up, fill the trenches with soil. Spring sowings should be made just as early as the ground can be prepared; frost does not hurt the little seedlings.

WHITE.**Blanche Burpee.** Large pure white; perfect form. Pkt. 5c.**Emily Henderson.** Pure white; good for forcing. Pkt. 5c.**Mont Blanc.** Pure white; one of the earliest. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.**YELLOW.****Gorgeous.** Bright orange; wings orange-rose. Pkt. 5c.**Golden Gleam.** Beautiful primrose-yellow. Pkt. 5c.**Mrs. Eckford.** Primrose-yellow; delicately shaded. Pkt. 5c.**LAVENDER.****Celestial.** Beautiful light lavender. Pkt. 5c.**Countess of Radnor, Improved.** Pure light lavender, self-color. The best lavender sort. Pkt. 5c.**Dorothy Tennant.** Deep rosy heliotrope, large and distinct. Pkt. 5c.**PINK.****Blushing Beauty.** Light, delicate pink. Pkt. 5c.**Duke of York.** Rosy pink; wings cream. Pkt. 5c.**Prima Donna.** Exquisite rose pink, profuse. Pkt. 5c.**SCARLET.****Duchess of Edinburgh.** Light scarlet, flushed crimson. Pkt. 5c.**Her Majesty.** Bright rosy carmine; wings carmine. Pkt. 5c.**Prince Edward of York.** Carmine-scarlet, wings crimson. Pkt. 5c.**PINK AND WHITE.****Apple Blossom.** Deep rose; wings blush pink. Pkt. 5c.**Blanche Ferry.** Extra early; pink and white. Pkt. 5c.**MAROON.****Boreatton.** Dark maroon, large flowers. Pkt. 5c.**Duke of Sutherland.** Purple-maroon standard; wings indigo-blue;

fine dark sort. Pkt. 5c.
5c.

BLUE.**Captain of the Blues.** Purplish blue standard and blue wings; splendid. Pkt. 5c.

Sweet Peas, White



Petunia

PETUNIA. A highly ornamental and profuse-flowering garden favorite, equally effective for the decoration of the greenhouse and sitting-room window, or planted out in beds or borders. H. H. F.

Single Large-Flowering Varieties—

Giants of California. Most of the flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions, often 5 in. across; but their great merits lie in the innumerable varieties of colors, many of them intense, with markings, veinings, blotchings and stripings, in the most grotesque and beautiful combinations. Choice mixed colors. Pkt. 25c.

Striped and Blotched. Marbled, fringed and variegated. Finest mixed. Pkt. 10c.

Fine Mixed. Many beautiful and fancy colors. Pkt. 5c.

Large-Flowering Double Varieties—

Dwarf Double. Inimitable, 6 in. high; small cherry and white flowers. Pkt. 10c.

Dwarf Double Lilliput. Pretty, small double flowers of the most charming shades of color. Pkt. 25c.

Hybrida Grandiflora Plena. The finest double variety grown; superb colors. Pkt. 25c.

PHLOX Drummondii. For brilliant effect and continuous blooming in the flower-garden, the phlox cannot be surpassed. H. A. 1 ft.

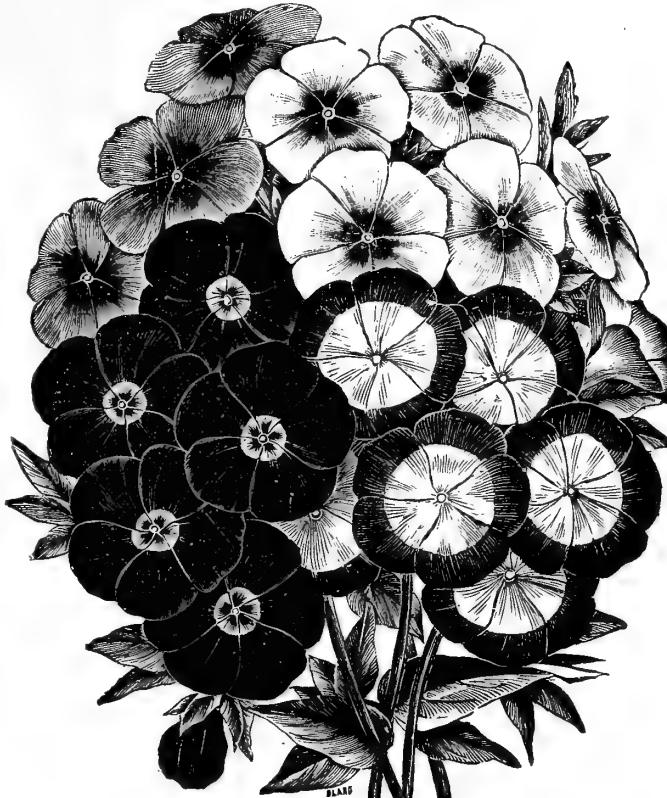
Large-Flowering Varieties—

Splendens. Bright scarlet flowers, with pure white center. Pkt. 10c.

Finest Varieties Mixed. Pkt. 5c., oz. 75c.

Dwarf Varieties—

Star of Quedlinburgh. Star-shaped, mixed colors. Pkt. 10c.



Group of Phlox



Papaver Somniferum, fl. pl., Double Poppy

Finest Varieties Mixed. Pkt. 10c.

Double Varieties—

Scarlet. Large, double, bright scarlet flowers. Pkt. 10c.

Finest Mixed. Pkt. 10c.

Perennial Varieties. Elegant heavy border-plants, bearing large trusses of brilliant colored flowers.

Decussata. Mixed, saved from choice varieties. 2 ft. Pkt. 10c.

SINGLE SHIRLEY POPPIES.

These old-fashioned flowers are at present, like the well-known dahlias, regaining their former popularity. This is not strange when we consider how little time is required for their culture. Their brilliant, dazzling colorings and wonderful variety make a very effective display in the garden or for cut flowers. These are extremely showy, free-flowering plants, which, by their stately form and brilliant colors, are admirably adapted to enliven shrubbery and mixed borders. Pkt. 10c.

Single Annual Poppies—

Danebrog. Large flowers of a brilliant scarlet, with a silver spot on each of the petals. Pkt. 5c.

Flag of Truce. Large satiny-white flowers, 3 to 4 in. across; extremely handsome. 2 ft. Pkt. 5c.

Fine Mixed. Brilliant colors. Pkt. 5c.

Double Annual—

Fairy Blush. Large double fringed flowers, white tipped with rose. Pkt. 5c.

The Mikado. The petals are cut and fringed; the color pure white at the back, while the fringed edges are of a brilliant crimson scarlet. Pkt. 5c.

Peony-Flowered. Finest mixed, double. 2 ft. Pkt. 5c., oz. 30c.



Schizanthus Pinnatus

Splendens. Bright scarlet, spikes varying from 16 to 24 in. in length. Pkt. 10c., oz. \$2.00.

SCABIOSA, or Sweet Scabious. A very showy, free-flowering plant, producing a great profusion of beautiful and richly colored flowers. H. A.

Dwarf Double. Many colors, mixed. 1 ft. Pkt. 5c.

Tall Double. Very showy. Mixed colors. 2 ft. Pkt. 5c.

SCHIZANTHUS (Butterfly Flower). Elegant free-flowering hardy annuals for the garden in summer or for pot culture in the greenhouse during winter. 1½ ft.

Finest Mixed. Shades of rose, scarlet, purple and white. Pkt. 5c.

SENSITIVE PLANT. One of the most remarkable and interesting plants in cultivation; the leaves, when touched, instantly fold up.

Mimosa Pudica. H. H. A. 1 ft. Pkt. 5c.

SILENE (Catchfly). Free-blooming hardy plants of easiest cultivation, useful for beds and borders.

Armeria. Mixed colors. Hardy annual. Pkt. 5c.

Pendula. Dwarf Rose. Excellent for spring bedding. 6 in. Pkt. 5c.

SWEET WILLIAM (*Dianthus barbatus*). A well-known free-flowering favorite, exceedingly beautiful and showy. For richness and variety of color they are unsurpassed; very fragrant. H. B. 1 ft.

Auricula-flowered. A handsome variety, producing immense trusses of bloom. Pkt. 5c.

Fine Mixed, Single. All colors. Pkt. 5c., oz. 40c.

Double Crimson. Pkt. 10c.

Finest Mixed, Double. Beautiful colors mixed. Pkt. 5c.



Portulaca, Double



Salvia Splendens



Salpiglossis

STOCKS. **Ten Weeks** (Large-Flowering Double Dwarf). The stock is one of the most popular, beautiful and important of our garden favorites; whether for bedding, massing, edging, ribboning or pot culture, it is unsurpassed for brilliancy and diversity of color, profusion and duration of bloom; fragrant. H. H. A. $1\frac{1}{4}$ ft.

Finest Mixed Large-Flowered Double. Pkt. 10c., oz. \$4.00.

Large-Flowering Dwarf, Pyramidal. Spikes 18 in. long; very handsome. Colors mixed. Pkt. 10c.

Finest Mixed Ten Weeks. All colors mixed. Pkt. 5c., oz. \$2.00.

THUNBERGIA (Black-Eyed Susan). Beautiful, rapid-growing annual climbers, thriving in a light, rich loamy soil, in warm situations in the garden and used extensively in hanging-baskets, vases, etc.; very pretty flowers in buff, white, orange, etc., with dark eyes. H. H. A. Finest Mixed Colors, Pkt. 5c., oz. 50c.

TROPAEOLUM Canariense (Canary Bird Flower). Elegant half-hardy annual climber, with delicately cut leaves and lovely bright yellow fringed flowers. 10 ft. Pkt. 5c.

VIOLET (Viola). Well-known plants, suitable for edgings, groups or mixed borders. V. odorata is highly prized for its fragrance. V. cornuta is a highly effective garden plant, admired for its rich blue flowers. H. P. $\frac{1}{2}$ ft.

Cornuta. Delicate blue. Pkt. 10c.

Odorata Semperflorens (Sweet Scented Violet). Pkt. 10c.

VIRGINIAN STOCK. Charming dwarf free-flowering plants, extremely effective in small beds, baskets, or as edgings. H. A. $\frac{1}{2}$ ft. Finest Mixed, red and white. Pkt. 5c.

VERBENA. Unrivaled for the splendor of its dazzling brilliancy, the Verbena is the most effective bedding plant in cultivation. Verbenas raised from seed are more robust in growth and produce more flowers than those propagated from cuttings. H. H. P. 1 ft.

Mammoth Choice Mixed. Flowers of this variety are very large, of dazzling colors and large distinct eyes. Pkt. 10c.

Tom Thumb. Dwarf and compact, not exceeding 6 in. in height; flowers well formed, of various beautiful colors. Finest Mixed. Pkt. 10c.

Finest Mixed Varieties. Pkt. 5c., oz. \$1.00.



Stock, German Ten-week



Zinnias, Zebra Striped

LARGE-FLOWERING WALLFLOWER. Wallflowers are highly prized for their delicious fragrance. In the spring they are indispensable for beds, groups and ribbons. The large, massive, conspicuous spikes of the double German varieties have a charming effect; while the more bushy, compact growth and profuse blooming of the single varieties render them exceedingly attractive. H. P. 2 ft.

Annual—Flowers throughout the summer and fall, from seed sown in February. Pkt. 10c.

Fine Mixed. Pkt. 5c.

Double Large-Flowering. Canary Yellow. Pkt. 15c.

Finest Mixed. Pkt. 10c.

XERANTHEMUM. Very showy and pretty everlasting, valuable to cut for summer and winter bouquets. H. A. 2 ft.

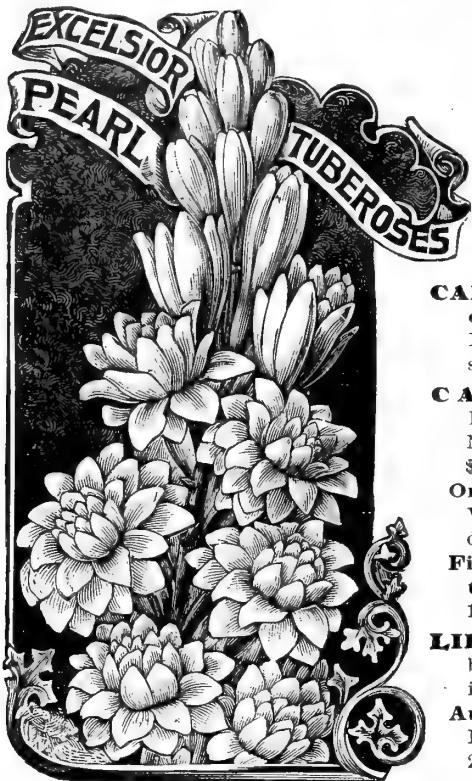
Cœrulea, fl. pl. Double purple. Pkt. 5c.

Finest Mixed Colors. Pkt. 5c.

ZINNIAS. These attractive and decorative half-hardy annuals are most desirable plants for mixed borders or bedding purposes, and are remarkable for the profusion and duration of their flowers, which are extremely useful to cut for bouquets. The double Zinnias are exceedingly handsome, the flowers being notable for their large size, fine form and brilliancy and diversity of color. This is a magnificent strain, which produces extra large double flowers, perfect in form, and of the finest colors. Mixed. 2 ft.

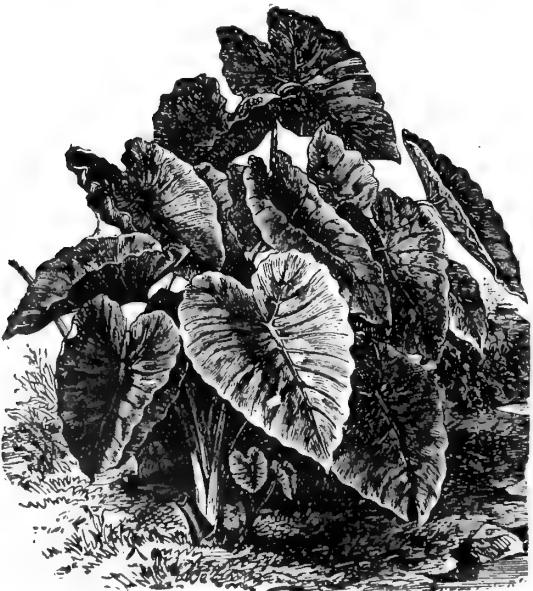
Finest Double Varieties Mixed. Pkt. 5c., oz. 50c.

Zebra Striped. A remarkably interesting class, growing 18 inches high, and producing large double flowers which are striped more or less with brilliant colors in a most fantastic manner. Pkt. 10c.



Tuberose, Excelsior Pearl

Speciosum Roseum. White, spotted rose. Each 15c., doz. \$1.50.
Speciosum Rubrum. Rose, spotted crimson. Each 15c., doz. \$1.50.
Tigrinum (Tiger Lily). Orange-salmon. Each 10c., doz. \$1.00.



Caladium Esculentum

SUMMER-FLOWERING BULBS

GLADIOLUS. White and light, mixed, doz. 40c.; pink shades, mixed, doz. 40c.; scarlet and red, mixed, doz. 25c.; orange and yellow, mixed, doz. 60c.; striped and variegated, mixed, doz. 50c.

Extra Fine Mixed. All colors. Doz. 20c.

DAHLIAS. Double dark red, each 10c., doz. \$1.00; double light red, each 10c., doz. \$1.00; double yellow, each 10c., doz. \$1.00; double white, each 10c., doz. \$1.00; double pink, each 10c., doz. \$1.00; double mixed, each 10c., doz. \$1.00.

CALADIUM Esculetum (Elephant's Ear). First size 15c., second size 10c.

CANNAS. Dwarf French Choice. Named. Each 20c., doz. \$2.00.

Ornamental Leaved Varieties. Each 20c., doz. \$2.00.

Finest Mixed Varieties. All colors. Each 10c., doz. \$1.00.

LILIES. Extra large bulbs for spring planting.

Auratum. The Golden Lily of Japan. Each 20c., doz. \$2.00.

Speciosum Album. Pure white. Each 20c., doz. \$2.00.



Dahlia Variabilis

Longiflorum. Mammoth bulbs, 9 to 10 in. Each 20c., doz. \$2.00.

Longiflorum. First size bulbs, 7 to 9 in. Each 15c., doz. \$1.50.

MADEIRA VINE, Tubers. Extra large. Each 10c., doz. \$1.00.

TUBEROSES. Double Dwarf. Pearl. Doz. 25c., 100 \$1.50.

BULBS FOR WINTER BLOOMING

We carry in stock usually during October, November, December and January a choice assortment of hyacinths, tulips, narcissi, jonquils, Chinese lilies, crocus, Easter lilies, etc. If you wish any of these, write us and we will take pleasure in quoting you prices.

INSECTICIDES

Bordeaux Mixture

For all fungoid diseases, such as mildew and various rots of grapes, etc. Price, per qt. 50c., 1 gal. \$1.25, 5 gals. \$5.00.

Hammond's Grape Dust

A powder especially prepared to kill rot and mildew on grapes, etc. Price, 5-lb. package 35c., 100-lb. keg \$5.50.

Kerosene Emulsion

For plant lice of any kind, cabbage worm, scale insects on apple, pear and other trees. Price, per qt. 50c., 1 gal. \$1.25, 5 gals. \$5.50.

Nicoticide

Fumigating compound. A certain destroyer of all green-house bugs. Directions on packages. Price, 1 pt., sufficient for 32,000 cubic feet, \$2.50 each.

Fumigators for above, 75c. each.

Nikoteen Kills the Bugs

A thorough exterminator of mealy bug, thrips, lice and all injurious insects affecting plant life. Price, per bottle, 1 pt., \$1.50.

Paris Green

Unexcelled for the destruction of potato bugs and other insects that eat foliage. Price, $\frac{1}{2}$ lb. 15c., 1 lb. 25c., 5 lbs. \$1.00.



FERTILIZERS

Bone Meal

This is a very pure, finely pulverized form of ground bone, especially prepared for rose culture, top dressing for lawns, and for potted plants. Price, per lb. 5c., 10 lbs. 45c., 100 lbs. \$2.50.

Sheep Manure

Mixed with soil, or used as a liquid, it has no equal as a plant invigorator, and differs from guano in effect, as it does not over-stimulate or cause an unhealthy reaction. Per lb. 5c., 10 lbs. 45c., 100 lbs. \$2.50.

Bowker's Food for Flowers

An excellent fertilizer for house plants. Easily applied by dissolving in water. Clean to handle, without odor, produces rich green growth and profusion of flowers. Price, small package 15c., large package 25c.

Hammond's Slug Shot

Price, per lb. 10c., 5-lb. package 30c., 10-lb. package 50c., 100 lbs. \$4.50.

Tobacco Dust

Made from the leaves, and much more powerful than snuff made from the stems and refuse. Price, per lb. 5c., 10 lbs. 45c., 100 lbs. \$2.00.

Tobacco Soap

The most convenient and cheap specific for the destruction of insects, parasites, etc. Price, 35c. per lb.

Tobacco Stems

For fumigating plants, to destroy insects in hothouses, etc. Price, in bales of 100 lbs., \$1.75, 300 lbs. \$4.50.

Whale Oil Soap

For destroying insects on plants, vines, etc. Price, per lb. 18c., 3-lb. box 40c.

White Hellebore Powder

For destroying the currant worm, rose slug, etc. Price, per $\frac{1}{4}$ lb. 10c., $\frac{1}{2}$ lb. 15c., lb. 25c.

X. L. All Liquid Insecticide

For spraying. English preparation; purely nicotine; harmless to very delicate plants; kills mealy bug, red spider and all insect pests. Price, per pint 65c., qt. \$1.00, $\frac{1}{2}$ gal. \$1.75, 1 gal. \$3.50.

Crushed Bone

A coarse grade, well adapted for grapevine borders. Price, per bbl., about 235 lbs., \$3.50 per 100 lbs., per ton \$60.00.

Mapes' Fertilizers

These high grade fertilizers are well known throughout the United States. They are composed chiefly of bone, no rock being used in their composition. We shall be pleased to mail Mapes' catalogue, giving analyses, etc., free on application.

Complete Potato Manure. Per bag (200 lbs.) \$4.50, per ton (2,000 lbs.) \$43.00.

Vegetable Manure, for all Soils. Per bag (200 lbs.) \$4.50, per ton (2,000 lbs.) \$43.00.

Fruit and Vine Manure. Per bag (200 lbs.) \$4.50, per ton (2,000 lbs.) \$43.00.

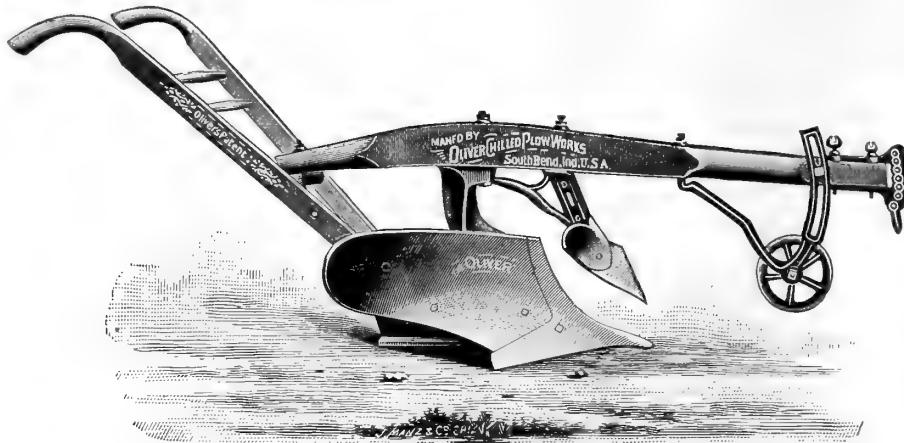
Complete Manure. "A" brand for general use. Per lb. 5c., 10 lbs. 45c., 100 lbs. \$3.00, bag (200 lbs.) \$4.00, ton (2,000 lbs.) \$38.00.

We call your attention to our **LAWN GRASS SEED** (page 20), which is specially re-cleaned, removing all foreign substances and weeds, and which withstands the extreme heat of summer.

"OLIVER" CHILLED PLOWS

Are acknowledged to be the Best General Purpose Plows manufactured, and so great is their popularity that unscrupulous parties are seeking to trade upon their good name by making and offering for sale "spurious plows and parts as genuine."

Every "Genuine Oliver" Chilled Plow has stenciled on the wood beam the inscription, "MANUFACTURED BY THE OLIVER CHILLED PLOW WORKS, SOUTH BEND, INDIANA, U. S. A."



WOOD BEAM PLOW



STEEL BEAM PLOW

No. A-1 Pony		Capacity 4 $\frac{1}{2}$ x 8 in.	Wood Beam, \$4.50	Steel Beam, \$5.75
" 10-0	Heavy,	" 5 $\frac{1}{2}$ x 11 "	" " 7.00	" " 8.00
" 19	Medium,	" 6 $\frac{1}{2}$ x 12 "	" " 8.50	" " 9.50
" 20	"	" 7 x 13 "	" " 9.00	" " 10.00

For Plows with Wheel, add \$1.00; with Jointer, add \$2.00.

In addition to the Plows above listed, we carry in stock a great variety of other styles and sizes, both in Chilled and Steel; also a full line of repairs.



No. 14-A Iron Beam Two Horse Plow

Capacity 7 x 12 in., with Chilled Mould.....	\$ 9.00
" " " " Steel "	11.00
Add for Wheel.....	\$1.00.
Jointer.....	2.00



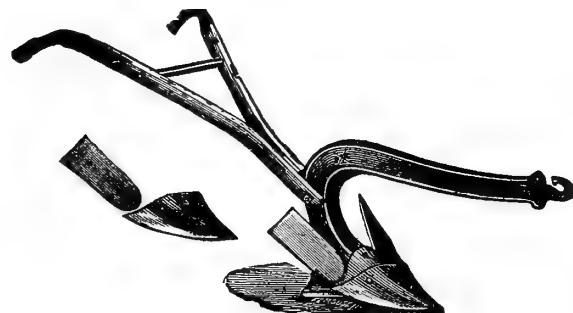
No. 2 1/2 Iron Beam Two Horse Plow

Capacity 6 x 12 in.....	\$6.50
Add for Wheel.....	\$1.00.
Jointer.....	2.00

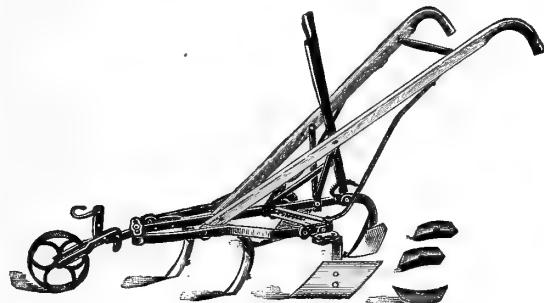
**The "Boss" Combination Plow**

The handiest one horse turning plow for use by market gardeners and farmers. Actually four plows in one. It can be worked as a medium and heavy one-horse plow and as a plow for operating among cabbage, strawberries, etc. \$5.00.

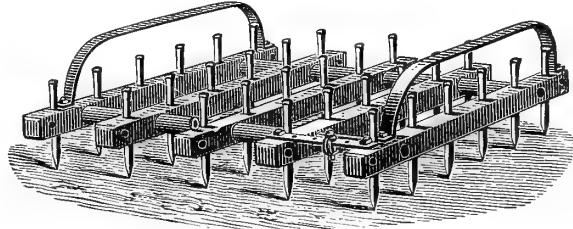
With the double mould and share, \$6.75.

**Mitchell Shovel Plow**

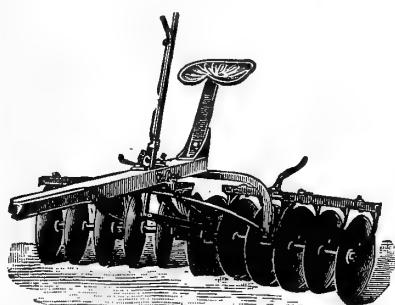
The point and wings are of steel \$4.50
Potato Digging Attachment 3.00

**"Triumph" Steel Cultivator and Horse Hoe**

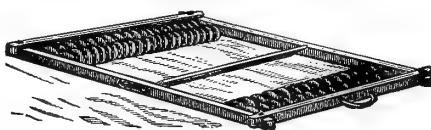
Price, \$5.50.

**Gardener's Harrow With Runners**

24 Teeth \$8.00
30 " 9.00

**Wood Frame Potato and Pea Coverer**

The sides are made adjustable. This Coverer has been in use for over 30 years, and does excellent work, \$10.50.

**Steel Disc Smoothing Harrow**

The frame measures 6 ft. 8 in. by 6 ft., and has 4 sets of rollers, having 58 discs, 8 in. diameter. Price, \$20.00.

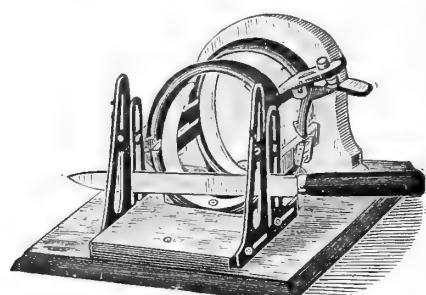
All Steel Flexible Disc Harrow

The only Disc Harrow having *independent adjustable spring pressure* upon the inner end of each gang of discs, allowing any amount of pressure to be thrown upon the inner ends of the gangs by the foot of the operator.

No. 3. 2 Horse has 12-16 in. Discs ; cuts 6 ft., with Solid discs	\$25.00
No. 3. 2 Horse has 12-16 in. Discs ; cuts 6 ft., with cut-out discs	26.50
No. 0. 1 Horse has 6-16 in. solid discs, cuts 3 ft.....	21.00
Whiffletrees and Neck Yoke for 2 Horse Harrows, add.....	1.75

**New Model Seed Drill**

This is a first-class hand drill, is easily adjusted to sow accurately all kinds of small seeds, \$7.50.



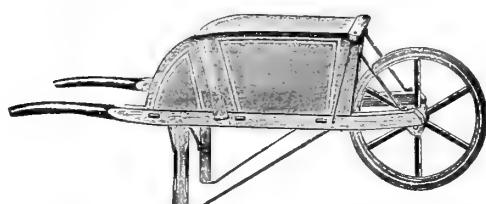
Asparagus Buncher.



Steel Axe.



Axe Handle Bush Hook.



Garden Barrow.

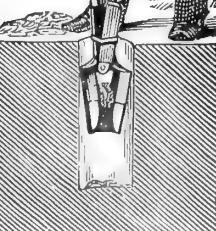


Buck Saws.

Iron Point Dibber.



C



Post Hole Digger.



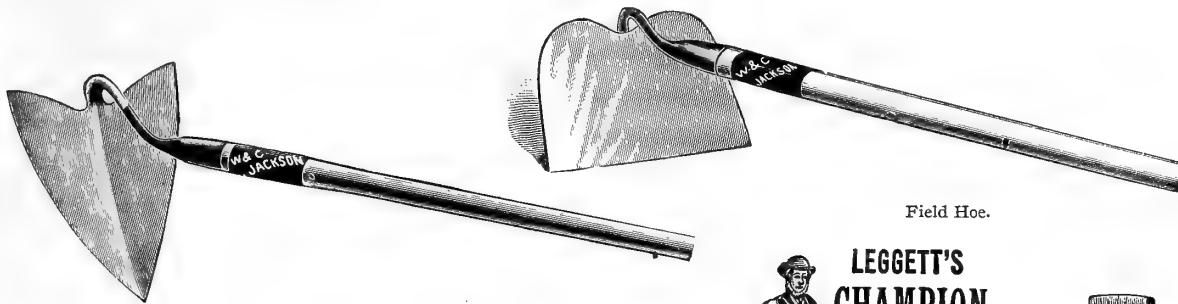
Saw Buck.



Edging Knife.

GARDEN AND FARM TOOLS

	Each.
Asparagus Buncher.	\$3 00
Asparagus Knife.	35
Axes, Felling, With Handles.	1 25
" " Short Handles.	1 00
Axe Handle Bush Hook.	1 25
Barrow, Regular Garden, are made in five sizes, well built and nicely finished.	
No. 2. Boy's, holding 2 cubic feet.	2 75
" 4. Medium, " 4 " "	3 25
" 5. Regular, " 5 " "	3 75
" 6. Large, " 6½" "	4 50
Barrow, Canal, Bolted.	1 75
" " Half Bolted.	1 50
Baskets, Market, 3 to bbl.	Per doz. \$5 00
" " 3½" to bbl.	5 00
" " 4 to bbl.	5 00
Boots, Horse Lawn. Made of heavy leather. Price per set of four	\$9 00
Buck Saws.	85
Saw Buck.	40
Corn Hook.	25
Dibbers. Medium or large.	35
" " Iron.	40
Digger, Post Hole.	1 25
Edging Knives, with handle.	65
" " without handle.	50
Duster, Leggett Champion. Each machine is furnished with 4 tubes, 6 nozzles, 2 straps and oil can; will dust two rows of potatoes at a time. Weighs about 6 lbs. Price, \$7.50.	
Duster, Leggett Little Giant. Same as above only smaller. Price, \$5.00.	
Forks, Spading. 4 tine, Strapped.	\$0 85
" " 5 " "	1.00
" Manure.	1.00
" " 5 " "	1.25
" " 6 " "	1.25
" Hay.	50
" " Plain L. H.	60
" " 3 " "	60
" " 4 " Strapped L. H.	75
Glaziers' Points, Van Reyper's. Made of steel wire and galvanized. Per box, 1000.	60

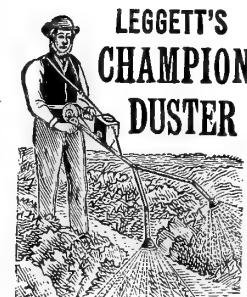


The "Warren" Hoe.

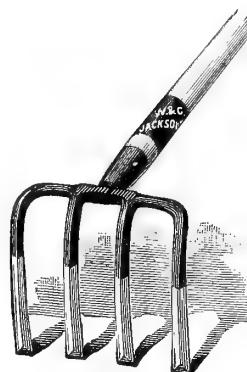
Field Hoe.

GARDEN AND FARM TOOLS—Continued

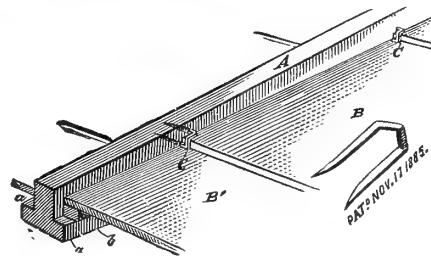
	Each			
Glazing Point Pincers	\$0 40			
Grafting Wax. For grafting cuts and bruises on trees. Per pkg., each, 10c., 20c. and	30			
Grind Stones , Mounted, No. 1.....	3 25			
" " " No. 2.....	3 50			
" " " No. 3.....	3 75			
" " " Velox Iron Frame.....	4 50			
Hose, Rubber , in 25 and 50 foot lengths. Best quality, ¾ inch.....	Per Ft. 15c.			
Hose, Rubber , Good quality, ¾ inch.....	" 10 & 12c.			
" Menders , Cooper's. Each, 10c.....	Per Doz. 75c.			
" Couplings , Common.....	Pair 10c.			
" Reel , Wooden, small.....	65			
" " " Iron, large.....	3 50			
Hoes, Draw , Warren, Medium.....	60			
" " " Large.....	70			
" Garden or Field , 3 inch to 7½ inch.....	45			
" Scuffle . English handles, 20 cents, extra 7 in. 60c., 8 in. 65c., 9 in. 70c., 10 in.....	75			
" " " Bradley, 6, 7 and 8 in.....	75			
Hooks, Clam , 4 tine, flat.....	65			
" " " 6 tine, round.....	75			
" Potato , 4 tine, flat.....	45			
" Grass , American.....	35			
" " " English.....	45			
" " " German.....	25 & 30			
" " " Little Giant.....	50			
" Potato , flat and round tine.....	45			
" Manure , 4 tine.....	50			
" " " 5 tine.....	60			
Hoe and Rake Combine , 4 tine.....	45			
" " " 6 tine.....	50			
" Onion , two prong.....	40			
Jacks, Wagon, Sampson , No. 0, \$2.00; No. 1, \$2.50; No. 2.....	3 00			
" " " Leader.....	1 50			
Labels, Wooden, Pot and Garden.				
Per 100	Per 1000	Per 100	Per 1000	
4 in., plain....	\$0 10	\$0 60	\$0 15	\$0 75
5 "....	15	75	5 "	20
6 "....	20	1 00	5 "	25
8 "....	50	4 00	8 "	60
12 "....	60	5 00	12 "	70
Labels, Notched Tree. Per 100, 10c.; per 1000.....		75		
" Copper Wired. " 30c.; ".....		2 00		



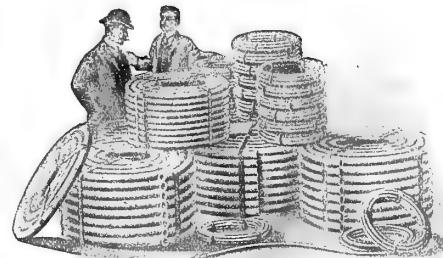
Digging Fork.



Clam Hook.



Glazier's Points.



Rubber Hose.



Hoe and Rake.



Tree Pruner.



English Solid Scuffle Hoe.



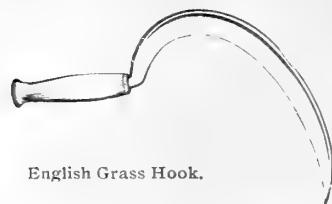
Lawn Roller.



Little Giant Grass Hook.



"Samson" Jack.



English Grass Hook.



Solid Steel.

GARDEN AND FARM TOOLS—Continued

Labels, Zinc Garden. Per 100, No. 1, \$2.00; No. 2, \$1.75; No. 3, \$1.75; No. 4, \$1.50; No. 5, \$1.75; No. 6, \$1.50; No. 7, \$1.25; No. 13, \$1.50; No. 14, \$1.00; No. 15, \$1.25; No. 20, \$1.50; No. 21, \$1.75.

	Each
Lanterns, Buck Eye	\$0 85
" B. B. Royal.....	75
" Monarch.....	50

Lawn or Golf Green Roller. This new pattern Roller is made with our Improved Wood Handle strongly braced, having counterpoise balance weights on shaft for holding the handle up when the Roller is not in use.

	Length of Rollers.	Weight About.	Price.
2 Sections 7½ in. Face x 15 in. Diam.....	15 in.	150 lbs.	\$ 9 50
2 " 8 " " 20 " " 	16 "	225 "	14 00
2 " 10 " " 20 " " 	20 "	250 "	15 50
3 " 8 " " 20 " " 	24 "	300 "	18 50
3 " 8 " " 24 " " 	24 "	450 "	27 50
3 " 8 " " 28 " " 	24 "	500 "	30 50

Coldwell's Imperial Lawn Mower. The ready adjustment of the revolving cutter to the bottom knife and the sharpening of same, also its easy and noiseless running, place the Imperial ahead of all Lawn Mowers now made. High wheel, 10 in. diameter.

	List.	Net.
14 in. with Four Blades	\$20 00	\$8 00
16 " " " "	22 00	8 80
18 " " " "	24 00	9 60
20 " " " "	26 00	10 40

Lawn Mower, Cadet.

12 in. Low Wheel.....	Net, \$2 75
14 " " " "	" 3 00
16 " " " "	" 3 25

Lawn Sprinkler, 3 arm	\$1 25
" " 4 "	3 00
" " 8 "	3 50
" " Water Witch.....	75

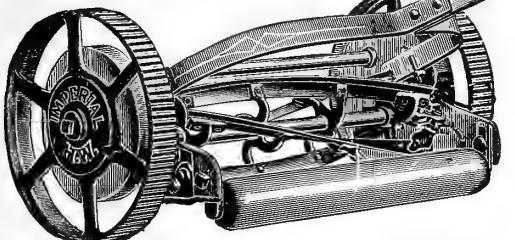
Mattocks, with Handle	1 10
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Mole Traps, New Model	1 50
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Nozzle, Gem	35
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Oyster Shell	Per 100 lbs. 3 00
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Pails, Galvanized	10 qts. 15c., 12 qts. 20
" "	14 " 25c., 16 " 30
" " Extra Heavy.....	16 " 50
" " Wood, Army.....	25
" " Oak, Heavy.....	50



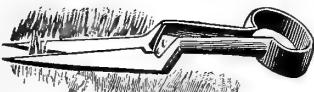
Coldwell's Imperial Lawn Mower.



Galvanized Pail.



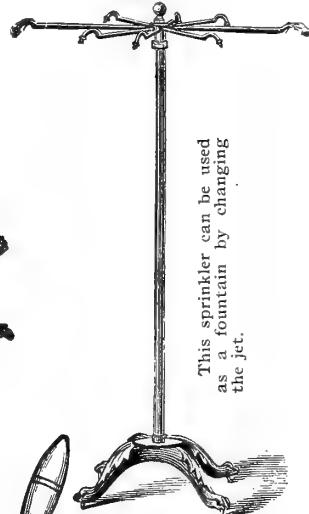
Steel Reversible Lawn Rake.



Grass Shears.



Weed Scythe.



Portable Lawn Sprinkler.

GARDEN AND FARM TOOLS—Continued

	Each
Pots, Watering, Japanned	6 qts. 30c., 8 qts. 35c., 10 qts. \$0 40
" " "	12 " 50c., 16 " 65
" " Galvanized	8 qts. 45c., 10 qts. 50c., 12 " 65c., 16 " 80
Putty Bulb, Rubber , excellent for glazing.....	90
Plant Sprinkler, Rubber	50c., Large, 60
Pruner, Water's Improved Tree , 10 ft. (Illustration page 44).....	1 25
Shear, Star	50
" " Solid Steel	50
" " Climax	35
Pick and Handle	Patent, \$1.50; Railroad, 1 00
Rakes, Reversible Galvanized	75
Steel Garden . 8 teeth, 40c.; 10 teeth, 45c.; 12 teeth, 55c.; 14 teeth, 65c.; 16 teeth, 75c.; 18 teeth.....	85
" Wooden Hay . 3 bow, 12 teeth.....	30
" Wooden Lawn , 22 teeth.....	35
Shears, Border, English	2 25
" Hedge . (With notch 25c. extra).....	1 25
" Sheep or Grass . Trowel shank.....	1 00
" " " Various sizes, 50c. to.....	75
Scythe, Lawn, English . Broad blades, 30 to 40 in.....	1 10
" Grass, American . 30 to 40 in.....	75
" Weed, American	75
" Snaths (or handles). Patent fastening.....	75
" Stones . English round Talacre.....	15
" Rifle	15
Stakes or Dahlia Poles, Heavy . Round green. Tops painted white. 2 ft., each 3c., per doz. 35c.; 3 ft., each 4c., per doz. 48c.; 4 ft., each 6c., per doz. 70c.; 5 ft., each 7c., per doz. 80c.; 6 ft., each 9c., per doz. \$1.00.	
Spades . Ames' extra quality.....	Each \$1 25
" Good quality.....	1 00
" Long handled.....	75
Stakes, Cane, Bamboo . From 5 to 8 ft. in length. Per doz., 15c.; per 100, 75c.; per 1000, \$7.00.	

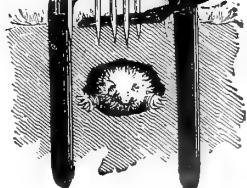
Hedge Shears.



Water Witch Sprinkler.



Gem Nozzle.



Mole Trap.



Haseltine Weeder.



Three-Cornered Weeder.



Eureka Hand Weeder.



Solid Steel Socket Shank Trowel.



Length of Barrel, 18 in. Diam. 1½ in.



Scythe Rifle.

Weeding Fork.



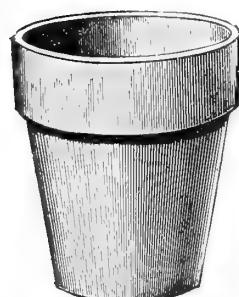
Solid Steel Concave Shank Trowel.



Scythe Stone No. 51.



Weeder.



Flower Pot.



Flower Pot Saucer.



Seed Pans.

GARDEN AND FARM TOOLS—Continued

Standard Flower Pots. These Pots are all "Standard" shapes and sizes, and are far superior to any other Flower Pots.

Sizes.	Price. Per Doz.	Price. Per 100	Sizes.	Price. Per Doz.	Price. Per 100
2½ inch.....	\$0 15	\$1 00	8 inch.....	\$1 10	\$8 75
4 ".....	25	1 50	9 "	1 70	14 00
5 ".....	35	2 50	10 "	2 00	16 50
6 ".....	55	4 25	11 "	3 40	28 00
7 ".....	90	7 25	12 "	4 00	33 00

Flower Pot Saucers.

Sizes.	Price. Per Doz.	Price. Per 100	Sizes.	Price. Per Doz.	Price. Per 100
4 inch.....	\$0 20	\$1 50	8 inch.....	\$0 50	\$4 00
5 ".....	25	1 80	9 "	65	5 25
6 ".....	35	2 75	10 "	75	6 00
7 ".....	40	3 25	11 "	85	7 00

Round Seed Pans.

Sizes.	Price. Per Doz.	Price. Per 100	Sizes.	Price. Per Doz.	Price. Per 100
6 inch.....	\$0 55	\$4 50	8 inch.....	\$1 10	\$9 00
7 ".....	80	6 50	10 "	1 45	12 00

Each

\$0 15

10

1 25

1 00

1 00

75

Stones, Scythe, Round Flat.**Shovels.** Ames' extra quality.....

" Good quality.....

" Round point, good quality.....

" Long handled.....

Scoops. No. 2, \$1.10; No. 3, \$1.15; No. 4, \$1.20; No. 5, \$1.25; No. 6, \$1.30.**Syringes, Brass Garden.**

No. 0. Length of barrel, 18 inches; diameter, 1½ inches; one spray rose.....

Each.

\$2 00

No. 1. Length of barrel, 1¼ inches; diameter, 1 inch; with one stream and two spray roses.....

3 00

No. 2. Length of barrel, 16 inches; diameter, 1¼ inches; with one stream and two spray roses.....

4 00

No. 3. Length of barrel, 18 inches; diameter, 1½ inches; with one stream and two spray roses.....

5 00

No. 5. Patent ball valve. Length of barrel, 18 inches; diameter, 1½ inches; with one stream and two spray roses.....

7 00

No. 6. Stott's Patent Syringe. Length of barrel, 17 inches; diameter 1½ inches; with 3-inch detachable chamber for insecticides and Vermorel spraying nozzle.....

7 00

Trowels. Forged steel, 6 in.....

45

" " " 7 in.....

50

" Cast steel.....

25

" Cleve's Angle, large size.....

50

Weeders, Eureka.

35

" Excelsior.....

10

" Haseltine.....

25

" Onion, 3-in.....

25

" Fork.....

10

"PLANET Jr." FARM & GARDEN TOOLS

No. 5 Hill and Drill Seeder

Price, \$13.00



This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills, at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever; or, the flow of seed is stopped by pushing down the feed rod. No time is lost; no seed is wasted. It is quickly set to sow different kinds of seed in the exact thickness desired. It covers and rolls down light or heavy, and marks the next row clearly. 16½-inch patent steel drive wheel; hopper holds five quarts; it runs light, and sows equally well with a full hopper or a tablespoonful of seed.

The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect.

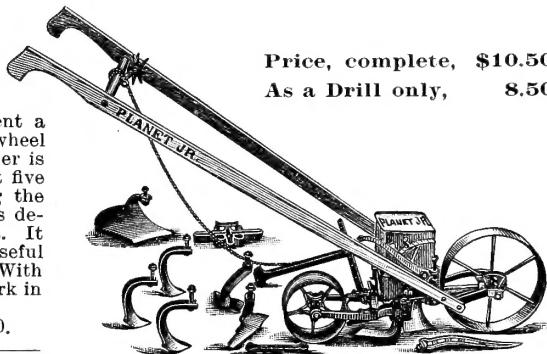
PLANET Jr. No. 4

Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow

This admirable tool combines in a single convenient implement a capital hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder is like the No. 5, sowing in continuous rows, or dropping in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

A set of three rakes supplied when specially ordered. Price, \$1.00.

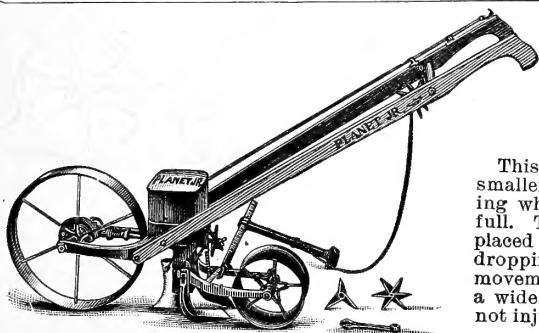
Price, complete, \$10.50
As a Drill only, 8.50



"PLANET Jr." No. 3—HILL AND DRILL SEEDER

Price, \$10.50

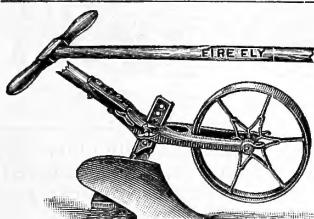
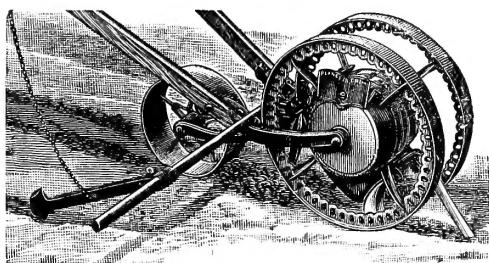
This is the same tool as No. 5 seeder, and just as good, except that it is smaller in size. The hopper holds three quarts; 15-inch patent steel driving wheel, with broad face, which makes the drill run easily, even when full. The quantity of seed is regulated by an accurate index, conveniently placed at the top of the handle, and carefully graduated for either hill-dropping or drillings. The flow of seed is started or stopped by a single movement of the forefinger. The roller is broad and hollow-faced, leaving a wide, smooth track for the wheel hoe. It is extremely simple, and will not injure the most delicate seed.



"PLANET Jr." No. 2—DRILL SEEDER

Price, \$7.50

This tool is known and used the world over, and excepting our hill and drill seeders, is the most perfect drill known. It holds three quarts, and sows in an even, regular stream, whether there is much or little in the hopper. The index contains the names of the principal seeds, and when a name appears through the slot, the drill is set right for that seed. The opening plow, being directly between the wheels, follows all irregularities of the ground. It can be set to run deep or shallow, and the seeds are deposited in a very narrow line. The machine is extremely simple, has no agitators, belts or gearing; and will not injure any seed. The best low-priced drill on the market.



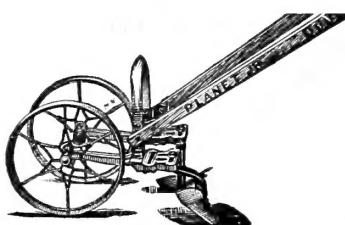
THE "FIRE-FLY" GARDEN PLOW

Price, \$2.35

This tool is most useful in small gardens, opening furrows for manure or seeds, and covering them quickly. Chicken-raisers will find it very useful in plowing up the scratching yards. The moldboard is of tempered and polished steel; the depth is quickly changed.

"PLANET JR." FARM AND GARDEN TOOLS—Continued**"PLANET Jr." No. 11****Double Wheel Hoe, Cultivator, Rake and Plow** Price, \$9.00

This perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment and can be set three different heights. The handles are adjustable at any height, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick change frame permits the tools to be changed without removing the nuts. Seven pairs of tools, as shown in the cut, go with the complete wheel hoe. All the blades are of tempered and polished steel.

**No. 13 DOUBLE WHEEL HOE**

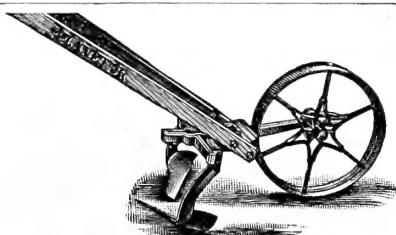
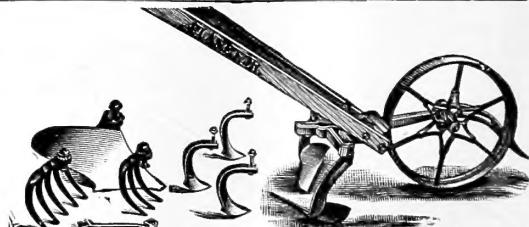
Price, \$4.75

This tool is the No. 11, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 11 may be added at any time, and are sure to fit.

"PLANET Jr." No. 16**Single Wheel Hoe, Cultivator, Rake and Plow**

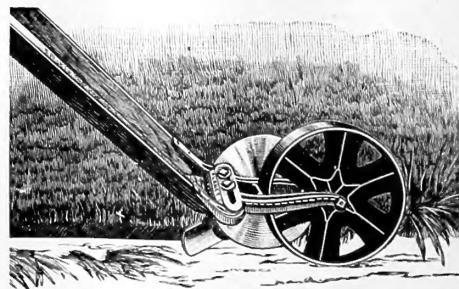
Price, \$5.85

This latest and best single wheel hoe has a very full set of tools, several of them being of new design, such as have been found to work in the very best manner. It has 11-inch wheel, with broad face; is very light, strong and easy running. It has adjustable handles and quick-change frame. The tools are a well-shaped plow for marking out, plowing, covering, and late cultivation; a pair of 6-inch shield hoes and three all steel patent cultivator teeth; also a set of two rakes, just the thing for preparing ground for the seed drill. A practical leaf guard holds up the plants, while thorough work is being done underneath; the frame changes in height, and the wheel may be attached to the other side of the frame, when both sides of the row may be hoed at one passage.

**No. 18 SINGLE WHEEL HOE**

Price, \$3.50

This tool has the same frame and handles as No. 16, but has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. All the other tools can be added as needed.

**"PLANET Jr." GRASS EDGER**

Price, \$6.00

Extreme neatness is the great secret of attractiveness in the grounds about a house. The Grass Edger assists wonderfully in producing this effect. It will edge straight or curved work—paths, drives, borders or flower beds—at the speed of a mile an hour. It should be the constant companion of the lawn mower. Strawberry growers will find the grass edger, with the hoe removed, a rapid and perfect tool for cutting off surplus runners.

Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue FREE FOR THE ASKING to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.

"PLANET, JR." FARM AND GARDEN TOOLS.—Continued**"PLANET JR." No. 8 HORSE HOE** Price, \$8.50.

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

The Frame is extra long and extra high, making a tool that will not clog easily.

The Stiff Steel Standards are hollow with round throats; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it.

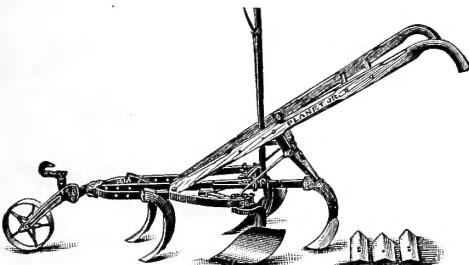
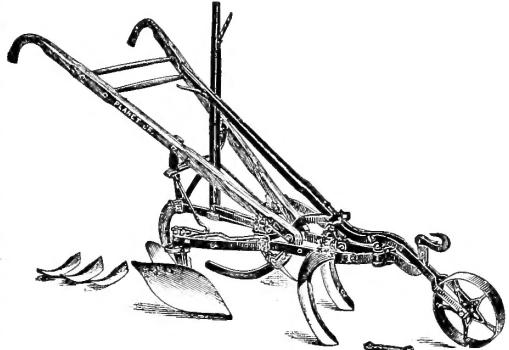
The Depth is under perfect control by a new lever wheel and patent depth regulator, moved instantly in unison by single lever, making exact work, steadyng the machine and relieving the operator.

The Expander is an entirely new pattern, superior to all other forms: exceedingly strong, simple, accurate and positive in all positions.

The Handle and Braces are also new, and the most effective and stiffest combination known, at once making the tool rigid, yet allowing every adjustment of handles *in height and side-wise*.

The Reversible Side Hoes patented, are an important part of the implement. As shown in the cut, they act as plows or hillers, but when turned end for end the tool becomes a genuine horse hoe, working so shallow and so close, without injury to the roots, that an immense amount of hand labor is saved.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest.
Without Depth Regulator (order as No. 7). **Price, \$8.00.**

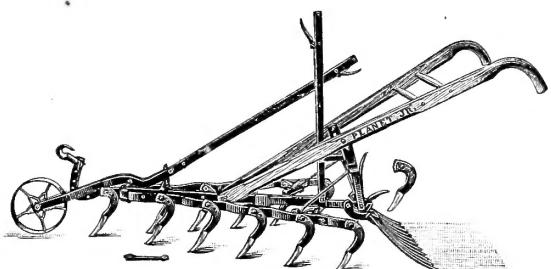
**"PLANET JR." No. 9****Horse Hoe and Cultivator****Price, \$7.40.**

This tool is similar to the No. 8 Horse Hoe, but it has a plain wheel instead of one operating by a convenient lever. It has the same standards and teeth, and is made in other respects like the popular No. 8. It is strong and serviceable and will give full satisfaction.

"PLANET JR." TWELVE-TOOTH HARROW AND CULTIVATOR**Price, Plain, \$5.80.****Price, With Wheel, \$6.90.****Price, Complete, \$8.50.**

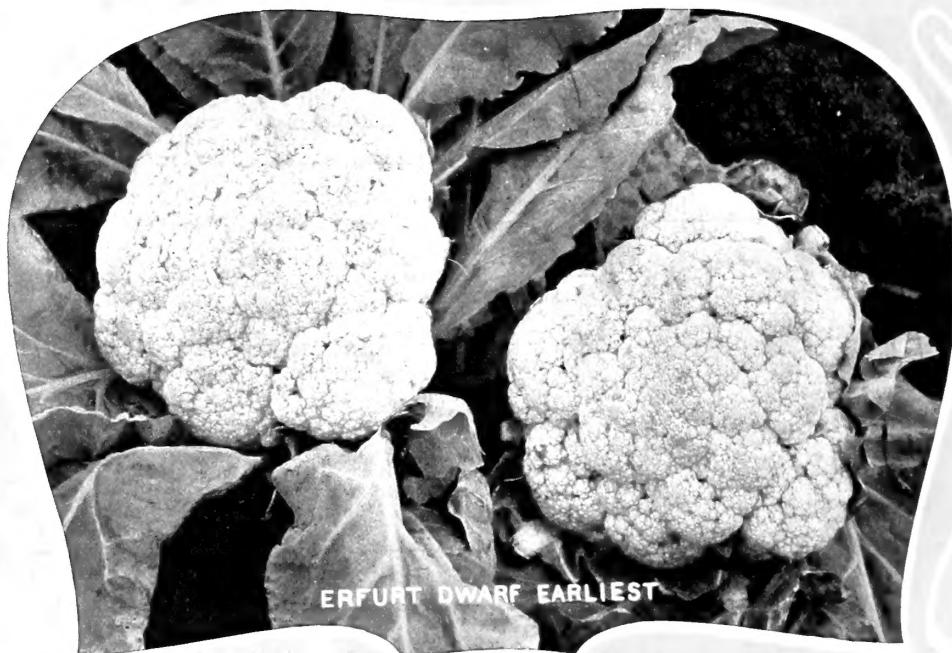
This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shape teeth **cut an inch wide each**. It may be set with teeth trailing.

The foot-lever pulverizer is a capital addition for preparing ground for the seed drill or for plant setting. Hand levers regulate both width and depth **while in motion**; it contracts to 12 inches, and may be further reduced in width by taking off the outside teeth; it expands to 32 inches. It cultivates deep without throwing earth upon the plants, and the smooth round-throated teeth turn strawberry runners without injuring them. Strawberry Runner Cutter Attachment consisting of a 10-inch flat steel disc mounted on an outrigger, extra. **Price, \$1.75.**

**POULTRY AND EGGS FOR HATCHING**

We can supply direct from the Middle Village Poultry Yards both stock and eggs for hatching of the Columbian Wyandottes and White Plymouth Rocks. The stock of both the above is desirable for home or market, being good egg producers and having a plump appearance when dressed. Write for prices.

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WHITE AVENUE
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